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PROJECT STATUS MEMORANDUM NO. 04-13

TO: Pamela Tames, USEPA
FROM: Mark M. Goldberg, P.E.
Tunde H. Komuves-Sandor

DATE: June 26, 2013

PROJECT: Rowe Industries Superfund Site
Groundwater Recovery and Treatment System
April 2013 Status Report
Sag Harbor, New York

LBG Engineering Services, P.C. (LBG) commenced operation of the Full-Scale Pump and Treat (FSP&T) groundwater remediation system at the above-referenced site on December 17, 2002. Starting in September 2008, the groundwater recovered by the Focus Pump and Treat (FP&T) system was routed to the FSP&T system for treatment. This status report presents a summary of performance, operation and maintenance for both systems and monitoring activities for the site from April 1, 2013 through April 30, 2013. The report includes a summary of system performance parameters, system operation parameters, and analytical results for groundwater, system effluent samples, and air quality results.

SUMMARY OF SYSTEM PERFORMANCE AND OPERATION

(April 1, 2013 through April 30, 2013)

1. Hours of operation during the reporting period:	560 hours (77.8%)
2. Alarm conditions during the reporting period:	See Table 1
3. Was the SPDES VOC discharge permit criteria achieved:	yes, (see Table 2)
4. Total volume of water pumped during the reporting period:	4,345,642 gal.*
5. Was the system effluent flow below the SPDES limit of 1,023,000 gpd:	yes, (see Graph 1)
6. Mass of VOCs recovered during the reporting period:	0.06 pounds*
7. Cumulative mass of VOCs recovered since startup on 12/17/02: (calculations can be provided upon request)	225.4 pounds
8. Effluent VOC vapor concentration for the reporting period:	0.04 mg/m^3 (see Table 3)
9. Was the effluent VOC vapor emission rate below 0.022 lbs/hr.: (calculations can be provided upon request)	yes (0.00040 lbs/hr)

*Values represent the FSP&T system recovery wells only, the FP&T system recovery wells were off during the month of April.

FULL SCALE PUMP AND TREAT SYSTEM STATUS SUMMARY

The following table summarizes select recovery well parameters for the operating recovery wells during the above-referenced reporting period. Table 4 presents a summary of the quality results for water samples collected from recovery wells. Graph 2 presents tetrachloroethylene (PCE) concentrations for each recovery well. For wells with water quality that meets or is approaching remedial criteria, Graph 3 presents PCE concentrations at an expanded scale in order to compare them to the PCE aquifer restoration concentration of 5 ug/L. Laboratory analytical reports are included as Appendix II.

Well	Volume pumped (gal)	Average Flow (gpm)	Lowest Measured Flow (gpm)[1/]	Total VOC Concentration (µg/L)	VOC Recovery (lbs)
RW-2	885,049	27	13	2.0	0.01
RW-4	550,192	20	10	5.0	0.02
RW-6	487,411	15	15	3.1	0.01
RW-7	1,950,307	70	69	1.0	0.02

[1/] Lowest measured flows are based on the lowest average 24-hour pumping rates for each well recorded to date.

The following recovery wells have been shut down after receiving EPA approval:

- RW-1 was shut down on July 13, 2005;
- RW-3 was shut down on May 21, 2012;
- RW-5 was shut down on May 23, 2012;
- RW-8 was shut down on April 30, 2012; and
- RW-9 was shut down on April 23, 2012.

Evaluation of Groundwater Quality

During April 2013, the VOCs of concern for the site were below applicable or relevant and appropriate requirements (ARARs) in the groundwater samples collected from recovery wells RW-2, 4, 6 and 7. RW-3, RW-5, RW-8 and RW-9 will continue to be monitored quarterly during 2013 as outlined in the Recovery Well Shutdown Plan; the next sampling event for these recovery wells will be during the month of June. Low concentrations of VOCs continue to be detected in the groundwater samples from the operating recovery wells. Laboratory analytical reports are included in Appendix II.

PCE, TCA and TCE concentrations have been at or below the ARAR of 5 µg/l in groundwater samples collected from:

- RW-2 for 50 consecutive months (4 years and 2 months);
- RW-4 for 32 consecutive months (2 years and 8 months);
- RW-6 for 28 consecutive months (2 years and 4 month); and
- RW-7 for 33 consecutive months (2 years and 9 months).

FOCUS PUMP AND TREAT SYSTEM STATUS SUMMARY

During this reporting period, the Focus Recovery Wells (FRWs) were off in order to evaluate the FDSA groundwater quality under non-pumping conditions.

Groundwater samples were collected for FRW-1, 2, 3 and 4 one time in the month of April; groundwater samples were also collected from select monitor wells associated with the FDSA (MW-98-04, MW-98-05A and B, MW-45A and B. The groundwater quality results for the FRWs are summarized in Tables 5 through 8 and Graphs 4 through 7, respectively. The laboratory results for the aforementioned monitor wells are included in Appendix IV. The

concentrations of some COCs in the groundwater at the FDSA have been noted to have increased over the past several months; most specifically at FRW-1 and to a lesser extent at FRW-3 and FRW-4. The magnitude of the PCE concentrations at the aforementioned wells varied slightly above and below concentrations detected during March 2013. The concentrations of cis-DCE in the groundwater increased at FRW-1 and 3 which suggests limited biotic or abiotic degradation may be occurring in addition to routine fluctuation of concentrations. The results from the latest monitoring event also indicated an increase in the PCE and cis12DCE concentration at MW-98-04, which is located downgradient of the FDSA and is screened in the regional aquifer. Based on these groundwater quality results for the FRWs and monitor wells, rebound is most likely occurring in the FDSA and the groundwater plume is migrating away from the FDSA in the direction of MW98-04. COCs were detected in MW98-05B, at significantly lower concentrations because this well is screened below the clay lens, which acts as a barrier to prevent or decrease the rate at which COCs migrate downward at the FDSA. The normal monthly groundwater sampling round for FRW-1, 2, 3 and 4 is scheduled for May. Groundwater quality in the FDSA will continued be monitored as assessed. If groundwater concentrations continue to be consistent with the recent results, then it will be necessary to re-start the operation of the pumps in FRW-1, 2, 3 and 4.

OTHER O&M ACTIVITIES AND FUTURE O&M ACTIVITIES

O&M activities conducted in April 2013 included:

- on April 4, reset the time on the FSP&T programmable logic computer (PLC) due to daylight savings time;
- on April 9, marked out the FSP&T system related below-grade piping and conduits along Carol Street and Brick Kiln Road per New York One-Call request; and
- on April 29, annual well rehabilitation started with RW-2.

Future O&M activities scheduled for the summer of 2013 include:

- continue recovery well rehabilitation;
- clean the EQ tank, transfer tank, bag filter housing (screens and butterfly valves) and the air stripper tower sump;
- clean the catch basin in the rear driveway and the trench drain in front of the FSP&T building;
- inspect the condition of the recharge basin outfalls;
- inspect condition of the air-stripper tower packing material;
- clean FP&T system components, lateral pipes and FRW sumps; and
- normal weekly/monthly O&M activities.

MMG:nv
Attachments
cc: Ken W. Wengert - Kraft Foods Global, Inc. - .pdf
Lisa Krogman, Environ – .pdf
Jeff Trad, NYSDEC – .pdf
Chief-Operation Maintenance and Support Section, NYSDEC – .pdf
William Spitz, RWM, R-1, NYSDEC
Tiffany Scarloto, Town of Southampton Attorney - .pdf
H:\NABIS\2013\Monthly reports\April\Status0413Apr.docx

TABLES

TABLE 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

MAINTENANCE LOG
(April 1, 2013 through April 30, 2013)

Date	Time	System Changes/Modifications	Personnel
4/4/2013		Inspected and repaired air stripper blower duct and reinforced seals with clamps and	EF
		Reset time on the FSP&T programmable logic computer (PLC) due to daylight savings.	EF
4/9/2013		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	EF
		Marked out the FSP&T system related below-grade piping and conduits along Carol Street and Brick Kiln road NY One-Call safe request.	EF
4/11/2013	12:06 PM	FSP&T system shut down due to a power failure alarm.	
4/12/2013	12:11 PM	Attempted to reset the power failure alarms, however alarms could not be cleared and FSP&T system would not restart. FSP&T system remained off per MG.	JF
4/16/2013	10:48 AM	Reboot the FSP&T PLC, reset system power failure alarms and restart the FSP&T system.	SH
4/22/2013		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
4/27/2013	3:47 PM	FSP&T system shut down due to a high water level alarm in the equalization (EQ) tank.	
4/29/2013	8:45 AM	Manually pumped down the EQ tank water level, reset the high water level alarm and restarted the FSP&T system with RW-4, 6 and 7 operating. RW-2 remained off for annual well rehabilitation.	TS
		Changed the multi-bag filter bags (400 um) in Banks 1 and 2, seven of eight housings used. Banks 1 and 2 left open. Bank 3 closed.	SH
4/30/2013		Rehabilitation of RW-2 continued.	TS/AEAC
	10:47 AM	FSP&T system shut down due to a power failure alarm caused by a power surge.	
	10:55 AM	Reset the power failure alarm and restarted the FSP&T system.	TS

TABLE 2

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Water Quality Results

Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
4-Apr-13	7.3	97	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	0.43	0.105
9-Apr-13	7.0	125	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6 J,B	ND<0.5	ND<2	ND<0.5	0.26	0.085
16-Apr-13	7.1	126	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<2	ND<0.5	14.80	0.029
22-Apr-13	7.0	118	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.4 B	ND<0.5	ND<2	ND<0.5	0.62	0.067
29-Apr-13	6.8	107	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.69 J	ND<0.5	ND<2	ND<0.5	2.18	0.040

SPDES: State Pollutant Discharge Elimination System
mg/l: Milligrams per liter
ug/l: Micrograms per liter
----: Not established
NM: Not Measured
TDS: Total dissolved solids
PCE: Tetrachloroethylene
1,1,1-TCA: 1,1,1-Trichloroethane
TCE: Trichloroethene
1,1-DCA: 1,1-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
cis-1,2-DCE: cis-1,2-Dichloroethene
trans-1,2,-DCE: trans-1,2-Dichloroethene
J: Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
ND: Not detected

Notes:
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

TABLE 3

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Carbon Unit System Air Quality Results

Precarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ42312:1100NP4-1	4/23/2012	11:00	0.0085	0.0022	0.0056	ND	0.0029	ND	ND	0.0110	0.0065	0.0022	0.0032	0.0033	0.0022	0.0029	0.10
AQ52212:1520NP4-1	5/22/2012	15:20	0.0081	ND	0.0100	ND	0.0049	ND	ND	ND	0.0010	ND	0.0031	0.0022	ND	ND	0.08
AQ62012:1240NP4-1	6/20/2012	12:40	0.0180	0.0015	0.0090	ND	0.0053	0.0010	ND	ND	ND	ND	0.0015	0.0012	ND	ND	0.07
AQ072512:1300NP4-1	7/25/2012	13:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0019 [B]	ND	ND	0.02
AQ82712:1600NP4-1	8/27/2012	16:00	0.0085	0.0016	0.0071	0.0009	0.0051	ND	ND	0.0083	ND	ND	0.0028	0.0016 [B]	ND	ND	0.04
AQ092712:1210NP4-1	9/27/2012	12:10	ND	ND	ND	ND	ND	ND	ND	0.0030	ND	ND	ND	0.0026 [B]	ND	ND	0.05
AQ103112:1640NP4-1	10/31/2012	16:40	0.0140	0.0140	0.0096	ND	0.0039	ND	ND	0.0007	0.0007	ND	0.0043	0.0011 [B]	ND	ND	0.08
AQ112712:1300NP4-1	11/27/2012	13:00	0.0190	0.0020	0.0054	ND	ND	0.0010	ND	0.0013	0.0018	0.0009	0.0019	0.0015	0.0009	ND	0.06
AQ121212:1120NP4-1	12/12/2012	11:20	0.0240	0.0033	0.0110	ND	0.0047	0.0020	ND	0.0017	0.0610	0.0240	0.0033	0.0015	0.0012	ND	0.16
AQ010713:1200NP4-1	1/7/2013	12:00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01
AQ022513:1130NP4-1	2/25/2013	11:30	0.0230	0.0044	ND	ND	0.0048	0.0040	ND	ND	ND	ND	0.0029	0.0013	ND	ND	0.06
AQ031313:1200NP4-1	3/13/2013	12:00	ND	ND	ND	ND	ND	ND	ND	0.0120	0.0042	0.0014	ND	0.0840	0.0014	ND	0.26
AQ042213:1600NP4-1	4/22/2013	16:00	ND	0.0066	ND	ND	ND	ND	ND	0.0013	0.0022	ND	ND	0.0026 [B]	ND	ND	0.03

Midcarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ42312:1105NP4-2	4/23/2012	11:05	0.1100	0.0017	0.0170	ND	0.0076	ND	ND	0.0140	0.0051	0.0015	0.0041	0.0038	0.0023	ND	0.24
AQ52212:1525NP4-2	5/22/2012	15:25	0.0160	ND	0.0120	ND	0.0050	0.0010	ND	ND	ND	ND	0.0027	0.0028	ND	0.0043	0.12
AQ62012:1245NP4-2	6/20/2012	12:45	0.0530	0.0027	0.0140	ND	0.0061	0.0014	ND	ND	ND	ND	0.0033	0.0013	ND	ND	0.11
AQ072512:1310NP4-2	7/25/2012	13:10	0.0380	0.0017	0.0150	ND	0.0072	0.0016	ND	ND	ND	ND	0.0034	0.0015	ND	ND	0.08
AQ82712:1605NP4-2	8/27/2012	16:05	0.0090	ND	0.0110	ND	0.0049	0.0014	ND	ND	ND	ND	0.0024	0.0014 [B]	ND	ND	0.04
AQ092712:1215NP4-2	9/27/2012	12:15	0.0770	0.0040	0.0110	ND	0.0036	0.0014	ND	0.0018	ND	ND	0.0022	0.0011 [B]	ND	ND	0.12
AQ103112:1645NP4-2	10/31/2012	16:45	0.0720	0.0043	0.0170	ND	0.0044	0.0018	ND	0.0009	0.0012	ND	0.0033	0.0014 [B]	ND	0.0016	0.13
AQ112712:1305NP4-2	11/27/2012	13:05	0.0420	0.0019	0.0130	ND	0.0037	0.0016	ND	0.0028	0.0050	0.0021	0.0028	0.0020	0.0016	ND	0.11
AQ121212:1125NP4-2	12/12/2012	11:25	0.0350	ND	0.0110	ND	0.0030	0.0010	ND	0.0010	0.0087	0.0024	0.0022	0.0011	ND	ND	0.11
AQ010713:1205NP4-2	1/7/2013	12:05	0.2400	0.0062	0.0150	ND	ND	ND	ND	0.0033	ND	ND	0.0030	ND	ND	ND	0.29
AQ022513:1135NP4-2	2/25/2013	11:35	0.0500	0.0020	0.0099	ND	ND	ND	ND	0.0022	ND	ND	0.0023	0.0083	ND	ND	0.17
AQ031313:1205NP4-2	3/13/2013	12:05	0.0610	0.0021	0.0140	ND	ND	ND	ND	0.0009	ND	ND	0.0033	0.0023	ND	ND	0.12
AQ042213:1605NP4-1	4/22/2013	16:05	0.0370	0.0097	0.0094	ND	0.0022	0.0011	ND	0.0014	0.0017	ND	0.0022	0.0026 [B]	ND	ND	0.18

Postcarbon			Parameters (mg/m3)														TOTAL
Sample Name	Date	Time	PCE	TCE	TCA	DCE	DCA	cis-DCE	trans-DCE	Toluene	m&p-Xylenes	o-Xylene	CF	MC	EB	Freon 113	VOCs
AQ31312:1220NP4-3	3/13/2012	12:20	ND	ND	0.0020	ND	0.0057	ND	ND	ND	ND	ND	0.0014	0.0048	ND	ND	0.03
AQ42312:1110NP4-3	4/23/2012	11:10	ND	ND	0.0040	ND	0.0067	ND	ND	0.0090	0.0050	0.0015	0.0022	0.0032	0.0017	0.0029	0.07
AQ52212:1530NP4-3	5/22/2012	15:30	ND	ND	0.0055	ND	0.0063	ND	ND	ND	ND	ND	0.0023	0.0015	ND	ND	0.03
AQ62012:1250NP4-3	6/20/2012	12:50	ND	ND	0.0064	ND	0.0076	ND	ND	ND	ND	ND	0.0026	0.0027	ND	ND	0.04
AQ072512:1320NP4-3	7/25/2012	13:20	ND	ND	0.0090	0.0009	0.0086	ND	ND	ND	ND	ND	0.0036	0.053 [B]	ND	0.0048	0.10
AQ82712:1610NP4-3	8/27/2012	16:10	ND	ND	0.0057	ND	0.0057	ND	ND	0.0012	ND	ND	0.0023	0.0013 [B]	ND	ND	0.02
AQ092712:1220NP4-3	9/27/2012	12:20	ND	ND	0.0083	ND	0.0055	ND	ND	ND	ND	ND	0.0028	0.0011 [B]	ND	ND	0.03
AQ103112:1650NP4-3	10/31/2012	16:50	ND	ND	0.0130	0.0008	0.0053	0.0010	ND	ND	0.0008	ND	0.0033	0.0015 [B]	ND	0.0013	0.05
AQ112712:1310NP4-3	11/27/2012	13:10	ND	ND	0.0150	ND	0.0043	0.0013	ND	0.0009	0.0018	ND	0.0031	0.0019	ND	ND	0.05
AQ121212:1130NP4-3	12/12/2012	11:30	ND	ND	0.0120	ND	0.0031	ND	ND	ND	0.0050	0.0015	0.0022	0.0009	ND	ND	0.09
AQ010713:1210NP4-3	1/7/2013	12:10	ND	ND	0.0300	ND	0.0056	0.0015	ND	ND	0.0024	0.0014	0.0047	ND	ND	ND	0.11
AQ022513:1140NP4-3	2/25/2013	11:40	ND	ND	0.0210	ND	0.0042	ND	ND	ND	ND	ND	0.0038	0.0026	ND	ND	0.05
AQ031313:1210NP4-3	3/13/2013	12:10	ND	ND	0.0095	ND	ND	ND	ND	ND	ND	ND	0.0020	ND	ND	ND	0.02
AQ042213:1610NP4-3	4/22/2013	16:10	ND	ND	0.0150	ND	0.0029	0.0013	ND	ND	ND	ND	0.0032	0.0017 [B]	ND	ND	0.04

PCE: Tetrachoroethane TCE: Trichloroethene TCA: 1,1,1-Trichloroethane DCE: 1,1-Dichloroetene
DCA: 1,1-Dichloroethane cis-DCE: cis-1,2-Dichloroethene trans-DCE: trans-1,2-Dichloroethylene CF: Chloroform
MC: Methylene Chloroide EB: Ethilbenzene

Note: NA - Not Applicable. Method blank contamination. The associated method blank contains the target analyte at a reportable level.
NS - Not Sampled
ND - Not Detected
B - Method blank contamination, the associated method blank contains the target analyte at a reportable level.
The air quality results summarized above are for the compounds listed in the FSP&T groundwater discharge permit. Low concentrations of additional compounds are accounted for in the Total VOCs column, however, are not listed.

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-1	15-Sep-04	ND<1	ND<1	ND<1	2.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Oct-04	ND<1	ND<1	ND<1	ND<1	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Nov-04	ND<1	ND<1	ND<1	1.9	2.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Dec-04	ND<1	ND<1	ND<1	**9.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Jan-05	ND<1	ND<1	ND<1	1.5	2.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	8-Feb-05	ND<1	ND<1	ND<1	4.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Mar-05	ND<1	ND<1	ND<1	2.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Apr-05	ND<1	ND<1	ND<1	1.5	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	2-May-05	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Jun-05	ND<1	ND<1	ND<1	4.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	RW-1 was shut down on July 13, 2005 with EPA approval.													
	14-Jul-05	ND<1	ND<1	ND<1	2.1	ND<1	ND<1	ND<1	ND<1	**8.4***	ND<1	ND<1	3.3	1.3
	7-Mar-06	ND<1	ND<1	ND<1	5.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Sep-06	ND<1	ND<1	ND<1	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	7-Mar-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	3-Oct-07	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	13-Mar-08	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-08	ND<1	ND<1	ND<1	1.1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	19-Mar-09	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	16-Sep-09	ND<1	ND<1	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Mar-10	ND<1	ND<1	ND<1	0.63 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	17-Sep-10	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9-Mar-11	ND<1	ND<1	ND<1	0.60	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	0.84 J	ND<5	ND<5	ND<1	ND<1	**7.1 B**	ND<1	ND<5	ND<10	ND<5
	23-Mar-12	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5	ND<0.5	ND<1	ND<0.5	0.75 J,B	0.11 J	ND<0.5	ND<2	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.72	ND<0.5	ND<0.5	ND<1	ND<0.5	1.2 J,B	ND<1	ND<0.5	ND<2	ND<0.5
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	0.47 J	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<.5	ND<0.5	ND<2	ND<0.5
RW-2	12-Apr-11	0.57 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	0.85 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	0.96 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.97	0.18 J	0.74	0.17 J	ND<0.5	0.25 J	ND<0.5	ND<0.5	0.96 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.6	0.20 J	0.12 J	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.95 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.0	0.25 J	0.49 J	0.16 J	ND<0.5	0.11 J	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.64	0.22 J	0.41 J	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.27 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.84	0.28 J	0.45 J	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.81	0.16 J	0.11 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.93 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.58	0.18 J	0.25 J	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-May-12	0.57	0.19 J	0.27 J	0.17 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	0.57	0.21 J	0.26 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.74 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.91	0.15 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	0.53	0.21 J	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.56	0.17 J	0.34 J	ND<0.5
	18-Sep-12	0.52	0.25 J	0.25 J	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.66	0.34 J	0.30 J	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	1.3	0.43 J	0.17 J	0.11 J	ND<0.5	ND<0.5	0.65	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	1.3	0.66	0.24 J	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	1.0	0.61	0.26 J	ND<0.5	ND<0.5	ND<0.5	0.47 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	13-Feb-13	1.1	0.71	0.26 J	ND<0.5	ND<0.5	ND<0.5	0.57	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-13	0.93	0.54	0.32 J	ND<0.5	ND<0.5	ND<0.5	0.81	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	23-Apr-13	0.74	0.45 J	0.24 J	ND<0.5	ND<0.5	ND<0.5	0.59	ND<0.5	1.9 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-3 [3/]	15-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	0.93	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	**7.0 J,B**	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.16 J	0.59	0.19 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.70 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	0.16 J	0.81	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.17 J	0.87	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.53 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.20 J	1.0	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.33 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	0.23 J	0.90	0.33 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.19 J	0.81	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.92 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.12 J	0.52	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.64	0.53	0.18 J	ND<0.5	ND<0.5	ND<0.5	0.27 J	ND<0.5	2.5 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-3 was shut down on May 21, 2012 with EPA approval.													
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.56 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.10 J	0.18 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.22 J	ND<0.5
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-4	12-Apr-11	0.61 J	ND<1	0.74 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.92	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	1.1 J	ND<5	2.7	ND<5	ND<5	1.4 J	ND<5	ND<5	3.9 B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	1.1	0.14 J	3.9	0.15 J	ND<0.5	1.8	ND<0.5	0.17 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	1.5	0.22 J	1.8	0.15 J	ND<0.5	0.61	ND<0.5	ND<0.5	0.66 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	1.2	0.14 J	4.2	0.16 J	ND<0.5	1.6	ND<0.5	0.18 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	0.93	0.14 J	3.3	0.17 J	ND<0.5	1.4	ND<0.5	0.15 J	0.34 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.1	0.13 J	4.0	0.19 J	ND<0.5	1.8	ND<0.5	0.26 J	0.43 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	1.4	0.18 J	3.6	0.16 J	ND<0.5	1.1	ND<0.5	0.19 J	0.91 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	0.86	0.11 J	3.4	0.18 J	0.10 J	1.9	ND<0.5	0.14 J	0.50 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	1.8	0.30 J	0.44 J	ND<0.5	ND<0.5	0.16 J	0.18 J	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	0.91	0.13 J	3.6	0.19 J	ND<0.5	1.9	ND<0.5	0.17 J	0.68 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	1.3	0.15 J	1.9	0.14 J	ND<0.5	0.65	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	0.90	0.11 J	2.6	0.25 J	ND<0.5	1.6	ND<0.5	0.14 J	ND<2	1.2	0.62	0.75 J	0.16 J
	18-Sep-12	0.95	0.15 J	2.2	0.24 J	ND<0.5	1.2	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.75	0.11 J	2.3	0.23 J	ND<0.5	1.3	ND<0.5	0.1 J	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12 [4/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12-Dec-12	0.96	0.14 J	2.1	0.24 J	ND<0.5	1.1	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	1.0	0.15 J	1.2	0.14 J	ND<0.5	0.49 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	13-Feb-13	1.5	0.25 J	2.0	0.16 J	ND<0.5	0.56	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-13	0.83	ND<0.5	2.4	0.14 J	ND<0.5	0.68	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	23-Apr-13	1.1	0.15 J	2.7	0.18 J	ND<0.5	0.77	ND<0.5	ND<0.5	2.1 B	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-5 [3/]	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	0.6 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	1.1 J	ND<5	ND<5	ND<5	ND<5	ND<5	4.8 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	0.12 J	ND<0.5	1.4	0.50	ND<0.5	0.51	ND<0.5	ND<0.5	0.45 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.86 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	0.15 J	ND<0.5	0.97	0.54	ND<0.5	0.73	ND<0.5	ND<0.5	0.57 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	0.68	0.54	ND<0.5	0.43 J	ND<0.5	ND<0.5	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	0.76	0.66	ND<0.5	0.61	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.16 J	ND<0.5	0.12 J	0.65	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.1 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	0.46 J	0.51	ND<0.5	0.35 J	ND<0.5	ND<0.5	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.17 J	ND<0.5	0.49 J	0.53	ND<0.5	0.38 J	ND<0.5	ND<0.5	2.7 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-5 was shut down on May 23, 2012 with EPA approval.													
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	0.67	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	0.70	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.22 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.98	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	ND<0.5	ND<0.5	ND<0.5	0.80	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.89	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.96	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.26 J,B	ND<0.5	ND<0.5	0.37 J	0.12 J
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	0.76	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-6	12-Apr-11	1.4	ND<1	0.7 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	1.2	ND<1	0.9 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.7	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	1.0	ND<1	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	1.3	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	3.6 J	ND<5	2.7 J	ND<5	ND<5	1.0 J	ND<5	ND<1	4.5 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	3.5	0.13 J	2.8	0.26 J	0.27 J	0.87	ND<0.5	0.19 J	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.2	0.13 J	3.4	0.35 J	0.35 J	1.1	ND<0.5	0.11 J	0.83 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	4.0	0.15 J	2.4	0.33 J	0.23 J	0.83	ND<0.5	0.17 J	0.49 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	2.8	0.12 J	2.3	0.28 J	ND<0.5	0.65	ND<0.5	0.15 J	0.35 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	3.2	0.11 J	2.6	0.28 J	ND<0.5	0.82	ND<0.5	0.19 J	0.47 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	3.2	0.12 J	2.7	0.22 J	0.25 J	0.86	ND<0.5	0.19 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	2.8	0.12 J	2.0	0.25 J	0.24 J	0.62	ND<0.5	0.13 J	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	2.9	0.13 J	2.1	0.31 J	ND<0.5	0.58	ND<0.5	0.14 J	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	3.1	0.13 J	2.0	0.28 J	0.27 J	0.58	ND<0.5	0.14 J	0.84 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	3.1	0.13 J	2.2	0.25 J	ND<0.5	0.65	ND<0.5	0.14 J	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	2.6	0.11 J	1.6	0.33 J	ND<0.5	0.57	ND<0.5	0.12 J	ND<2	0.59	0.26 J	0.31 J	ND<0.5
	18-Sep-12	2.8	0.13 J	1.5	0.36 J	ND<0.5	0.47 J	0.11 J	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	2.3	0.12 J	1.1	0.34 J	ND<0.5	0.35 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	2.2	0.10 J	1.2	0.35 J	ND<0.5	0.38 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	2.4	0.10 J	1.0	0.33 J	ND<0.5	0.36 J	ND<0.5	ND<0.5	0.30 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	2.3	0.10 J	0.9	0.26 J	ND<0.5	0.29 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	13-Feb-13	1.3	ND<0.5	0.45 J	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-13	1.9	ND<0.5	0.58	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	23-Apr-13	2.0	ND<0.5	0.56	0.27 J	ND<0.5	0.29 J	ND<0.5	ND<0.5	2.0 B	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-7	12-Apr-11	1.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	0.5 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	0.8 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	9/15/2011 [2/]	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Oct-11	4.5	0.18 J	0.53	ND<0.5	0.15	0.40 J	ND<0.5	ND<0.5	0.36 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	4.4	0.15 J	0.60	ND<0.5	0.25	0.59	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	2.2	0.11 J	0.43 J	0.11 J	0.13	0.28 J	ND<0.5	ND<0.5	0.50 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	1.4	ND<0.5	0.33 J	0.15 J	0.20 J	0.22 J	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	1.9	0.11 J	0.40 J	0.18 J	ND<0.5	0.28 J	ND<0.5	ND<0.5	0.38 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	2.2	0.12 J	0.29 J	ND<0.5	0.11 J	0.02 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	1.1	ND<0.5	0.24 J	0.19 J	0.18 J	0.18 J	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	17-May-12	0.9	ND<0.5	0.19 J	0.21 J	ND<0.5	0.14 J	ND<0.5	ND<0.5	3.0 B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Jun-12	1.0	ND<0.5	0.21 J	0.22 J	0.21 J	0.14 J	ND<0.5	ND<0.5	0.87 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	1.6	ND<0.5	0.28 J	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.37 J	0.11 J	0.15 J	ND<0.5
	18-Sep-12	0.76	ND<0.5	0.21 J	0.26 J	ND<0.5	0.13 J	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	0.50	ND<0.5	0.14 J	0.27 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	0.89	ND<0.5	0.27 J	0.19 J	ND<0.5	0.15 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.64	ND<0.5	0.18 J	0.26 J	ND<0.5	0.11 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Jan-13	0.70	ND<0.5	0.20 J	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	13-Feb-13	0.96	ND<0.5	0.34 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.0 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-13	0.52	ND<0.5	0.17 J	0.17 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	23-Apr-13	0.67	ND<0.5	0.16 J	0.19 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.8 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
RW-8 [3/]	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	4.4 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.40 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.80 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.52 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	0.12 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-8 was shut down on April 30, 2012 with EPA approval.													
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.4 J,B	0.94	ND<0.5	0.99 J	0.41 J
	20-Jun-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.63 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	0.12 J	ND<0.5	ND<1	ND<0.5
	27-Aug-12	0.11 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Sep-12	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.22 J	ND<0.5
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

TABLE 4

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well Water Quality Results

Recovery Well	Date Sampled	PCE (ug/L)	TCE (ug/L)	TCA (ug/L)	Chloroform (ug/L)	MTBE (ug/L)	1,1-Dichloro-ethane (ug/L)	cis-1,2-Dichloro-ethene (ug/L)	1,1-Dichloro-ethene (ug/L)	Methylene Chloride (ug/L)	Toluene (ug/L)	Benzene (ug/L)	m,p-Xylene (ug/L)	o-Xylene (ug/L)
	ARAR's	**5**	**5**	**5**	**7**	**NE**	**5**	**5**	**5**	**5**	**NE**	**NE**	**5**	**5**
RW-9 [3/]	10-Mar-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Apr-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-May-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	21-Jun-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	12-Jul-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	23-Aug-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<2	ND<1
	15-Sep-11	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	4.6 J,B	ND<5	ND<5	ND<10	ND<5
	18-Oct-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.42 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	8-Nov-11	ND<0.5	ND<0.5	ND<0.5	0.16	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.82 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	20-Dec-11	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.51 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	24-Jan-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.14 J	ND<0.5	ND<0.5	ND<0.5	0.44 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	14-Feb-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.37 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Mar-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.6 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Apr-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.48 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	RW-9 was shut down on April 23, 2012 with EPA approval.													
	17-May-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.3 B	0.75	ND<0.5	0.57 J	0.19 J
	20-Jun-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.65 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	10-Jul-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Aug-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	19-Sep-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.2 J,B	ND<0.5	ND<0.5	ND<1	ND<0.5
	1-Nov-12	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	27-Nov-12	0.16 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5
	12-Dec-12	ND<0.5	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	ND<0.5	ND<0.5	0.23 J	ND<0.5
	19-Mar-13	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<1	ND<0.5

PCE: Tetrachloroethylene TCE: Trichloroethylene TCA: 1,1,1-Trichloroethane
MTBE: Methyl-tertiary-butyl-ether NS: Not sampled

ND: Not detected
<#: Less than method detection limit
ug/L: Micrograms per liter
-: Not analyzed
J: Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
ARAR's are chemical specific aquifer restoration goals for ground water at the Former Rowe Industries Superfund Site.
NE indicates that the ARAR goal was not established for this compound by the EPA.
Bold values indicate an exceedence of the ARAR standard established for the site.

[1/] Chloromethane, a constituent not previously detected, was detected in the groundwater sample collected from RW-9 at a concentration of 1.8 ug/l.
[2/] RW-7 was not sampled because the RW-7 pump was not operable at the time of the sampling event.
[3/] Starting in June 2012 groundwater samples from these recovery wells are collected via low-flow methods.
[4/] RW-4 was not sampled because the well vault could not be opened due to ponding above the well vault caused by heavy rain fall.

TABLE 5

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well FRW-1 VOC Concentrations, micrograms per liter

FRW-1																			
Date	PCE	TCE	cis12DCE	T12DCE	VC	TCA	11DCA	135TMB	124TCB	124TMB	EB	Benzene	o-Xylenes	m-&p-Xylenes	Toluene	Napthalene	MC	Bromomethane	Acetone
ARARs	**5**	**5**	**5**	**5**	**1** [1/]	**5**	**5**	**5** [1/]	**5** [1/]	**5** [1/]	**5**	**1** [1/]	**5**	**5**	**5**	**NE**	**5**	**5** [1/]	**NE**
26-Apr-11	**22**	ND<1	1.8	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**13**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**46**	7.2	**9.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**18**	0.6	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**22**	1.2	**5.4**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**37**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	4.4 J,B	ND<5	4.0 J,B
11-Oct-11	**16**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<1	ND<1	ND<1	ND<5	ND<5	ND<10	5.0 J,B	ND<5	--
8-Nov-11	**38**	0.41 J	0.18 J	ND<0.5	ND<0.5	0.26 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.87 J,B	ND<0.5	ND<2
20-Dec-11	**74**	2.4	**12**	ND<0.5	0.34 J	1.4	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.28 J,B	0.36 J,B	ND<0.5	ND<2
24-Jan-12	**52**	1.5 J	**6.6**	ND<0.5	ND<5	ND<5	ND<0.5	ND<5	ND<20	2.2 J	2.3 J	**2.2 J**	4.7 J	**8.8 J**	**12**	2.3 J,B	14 J,B	ND<0.5	ND<20
14-Feb-12	**66**	2.0 J	**8.0**	ND<0.5	ND<6	ND<5	ND<0.5	1.4 J	1.0 J	4.3 J	3.1 J	**1.2 J**	3.0 J	**9.0 J**	2.3 J	3.8 J,B	18 J,B	ND<0.5	32.0
19-Mar-12	**37**	1.0	3.0	ND<0.5	ND<0.5	0.24 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J	1.5 J,B	ND<0.5	ND<2
10-Apr-12	**63**	1.0	1.8	ND<0.5	ND<0.5	0.98	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.12 J,B	0.63 J,B	ND<0.5	ND<2
The FRWs were shut down on April 19, 2012																			
17-May-12	**290**	**14**	**170**	0.25 J	0.54	**7.1**	1.2	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.19 J,B	2.6 B	ND<0.5	2.7 B
The FRWs were restarted on June 7, 2012																			
20-Jun-12	**52**	3.7	**10**	ND<0.5	ND<0.5	1.0	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.2 J,B	5.6 B	ND<0.5	ND<2
10-Jul-12	**21**	2.2	**31**	ND<0.5	ND<0.5	0.17 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.4 J,B	ND<0.5	ND<2
The FRWs were shut down on July 30, 2012																			
21-Aug-12	**48**	**15**	**150**	0.29 J	**1.7**	3.1	1.0	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.15 J	1.2 J,B	ND<2	ND<0.5	ND<2
4-Sep-12	**130**	**38**	**130**	0.35 J	ND<0.5	4.8	1.3	ND<0.5	ND<2	ND<0.5	0.23 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.32 J	2.4 B
19-Sep-12	**130**	**39**	**170**	0.32 J	0.8	5.8	1.4	ND<0.5	ND<2	ND<0.5	0.20 J	ND<0.5	ND<0.5	ND<0.5	0.10 J	ND<0.5	ND<2	ND<0.5	ND<2
31-Oct-12	**23**	**10**	**190**	ND<5	**8.0**	3.5	1.9	ND<5	ND<20	ND<5	ND<5	ND<5	ND<5	ND<5	1.7	2.0	ND<20	ND<5	ND<20
18-Dec-12	**110**	**11**	**60**	0.16 J	**11**	3.9	2.2	ND<0.5	ND<2	ND<0.5	0.23 J	0.18 J	0.12 J	0.24 J	0.31 J	ND<0.5	ND<2	ND<0.5	3.5 B
20-Feb-13	**1,100**	**25**	**15**	ND<5	0.48 J	**17**	1.6	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.13 J	0.79 J,B	ND<0.5	2.4 B
20-Mar-13 [2/]	**510**	**48**	**110**	**6.5**	**3.0**	**7.1**	1.4	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	6.0 B
23-Apr-13	**360**	**42**	**290**	0.53	**9.5**	4.4	2.0	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.5 B	ND<0.5	1.5 J,B

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. During March 2013 the groundwater sample from this well was also analyzed for Ethane and Ethene; nither compound was detected.
J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.
ND: Not detected

PCE: Tetrachloroethylene
11DCA: 1,1-Dichloroethane
124TCB: 1,2,4-Trichlorobenzene
MC: Methylene chloride
TCE: Trichloroethene
11DCE: 1,1-Dichloroethylene
124TMB: 1,2,4-Trimethylbenzene
112TCA: 1,1,2-Trichloroethane
cis12DCE: cis-1,2-Dichloroethene
T12DCE: trans-1,2-Dichloroethylene
EB: Ethyl Benzene
TCA: 1,1,1-Trichloroethane
135TMB: 1,3,5-Trimethylbenzene
VC: Vinyl chloride

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 6

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well FRW-2 VOC Concentrations, micrograms per liter

FRW-2														
Date	**PCE**	**TCE**	**cis12DCE**	**T12DCE**	**VC**	**TCA**	**11DCA**	**Toluene**	**Napthalene**	**Chloroform**	**EB**	**Benzene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**5**	**1 1/**	**5**	**5**	**5**	**NE**	**7**	**5**	**1 1/**	**5**	**NE**
26-Apr-11	**8.7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**7.1**	1.0	**9.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**26**	0.8 J	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**6.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**7.5**	1.4	**7.8**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**24**	1.4 J	1.4 J	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	3.9 J,B
11-Oct-11	**32**	2.5 J	**6.7**	ND<5	ND<5	ND<5	ND<5	ND<5	ND<10	ND<5	ND<5	ND<5	4.0 J,B	--
8-Nov-11	**27**	2.7	**16**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.33 J	ND<2	ND<0.5	ND<0.5	0.11 J	0.77 J,B	ND<2
20-Dec-11	**46**	0.77	1.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.20 J,B	ND<0.5	ND<0.5	ND<0.5	0.35 J,B	ND<2
24-Jan-12	**28**	0.42 J	0.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.13 J,B	ND<0.5	ND<0.5	ND<0.5	0.46 J,B	ND<2
14-Feb-12	**16**	0.28 J	0.6	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.33 J	0.18 J,B	ND<0.5	ND<0.5	ND<0.5	0.58 J,B	ND<2
19-Mar-12	**25**	1.8	4.6	ND<0.5	0.10 J	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.10 J	1.8 J,B	ND<2
10-Apr-12	**50**	0.78	0.39 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.49 J,B	ND<2
The FRWs were shut down on April 19, 2012														
17-May-12	**24**	4.5	**76**	ND<0.5	0.42 J	0.25 J	ND<0.5	ND<0.5	0.14 J,B	0.12 J	0.14 J	0.12 J	2.6 B	2.4 B
The FRWs were restarted on June 7, 2012														
20-Jun-12	**48**	0.83	0.32 J	ND<0.5	ND<0.5	0.13 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	4.6 B	1.3 J,B
10-Jul-12	**40**	4.9	**17**	ND<0.5	0.70	0.12 J	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	0.13 J	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012														
21-Aug-12	**40**	**8.5**	**87**	0.24 J	0.57	0.37 J	0.13 J	0.12 J	0.73 J,B	0.54	0.17 J	0.23 J	ND<2	1.0 J,B
4-Sep-12	**59**	**9.8**	**68**	0.15 J	ND<5	0.43 J	0.16 J	0.14 J	ND<2	0.48 J	0.28 J	0.33 J	ND<2	3.5 B
19-Sep-12	**69**	**13**	**42**	0.13 J	0.29 J	0.51	0.13 J	0.13 J	ND<2	0.44 J	0.31 J	0.31 J	ND<2	1.9 J,B
31-Oct-12	**65**	**11**	**25**	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1.5 J	ND<10	ND<2.5	ND<2.5	ND<2.5	ND<10	ND<10
18-Dec-12	**51**	**13**	**51**	0.14 J	0.65	0.50	0.17 J	ND<0.5	ND<2	0.10 J	0.26 J	0.33 J	ND<2	31 B
20-Feb-13	**9.1**	1.7	**70**	ND<0.5	**2.1**	0.37 J	0.31 J	0.37 J	ND<2	ND<0.5	0.28 J	0.38 J	0.87 J,B	35 B
20-Mar-13 2/	**6.8**	1.2	**69**	0.18 J	**9.1**	0.27 J	0.39 J	0.31 J	ND<2	ND<0.5	0.31 J	0.44 J	ND<2	60 B
23-Apr-13	4.0	1.4	**47**	ND<0.5	**7.9**	0.16 J	0.60	0.33 J	ND<2	ND<0.5	0.25 J	0.34 J	2.2 B	22 B

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. During March 2013 the groundwater sample from this well was also analyzed for Ethane and Ethene; nither compound

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.
ND: Not detected

PCE: Tetrachloroethylene
TCE: Trichloroethene
cis12DCE: cis-1,2-Dichloroethene
T12DCE: trans-1,2-Dichloroethylene
TCA: 1,1,1-Trichloroethane
11DCA: 1,1-Dichloroethane
VC: Vinyl chloride
EB: Ethyl Benzene
MC: Methylene chloride
112TCA: 1,1,2-Trichloroethane

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

TABLE 7

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well FRW-3 VOC Concentrations, micrograms per liter

FRW-3													
Date	**PCE**	**TCE**	**cis12DCE**	**VC**	**11DCA**	**TCA**	**IPB**	**NPB**	**m-&p-Xylenes**	**Toluene**	**Napthalene**	**MC**	**Acetone**
ARARs	**5**	**5**	**5**	**1** [1/]	**5**	**5**	**5** [1/]	**5** [1/]	**5**	**5**	**10** [1/]	**5**	**NE**
26-Apr-11	**60**	2.8	**11**	ND<1	ND<1	ND<1	0.67 J	0.56 J	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	**85**	3.5	**13**	ND<1	ND<1	ND<1	0.69 J	0.52 J	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	**80**	**12**	**47**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	**26**	ND<1	1.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	**11**	1.8	**7.3**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**16**	1.5 J	2.4 J	ND<5	ND<5	ND<5	3.6 J	3.0 J	ND<5	ND<5	ND<20	4.5 J,B	4.4 J,B
11-Oct-11	**28**	2.5	**15**	ND<5	ND<5	2.5 J	1.6 J	1.0 J	ND<5	ND<5	ND<20	4.6 J,B	--
8-Nov-11	**36**	0.78	3.0	ND<0.5	ND<0.5	0.22 J	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.75 J,B	ND<2
20-Dec-11	**68**	4.3	**9.7**	0.28 J	0.21 J	0.74	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	0.43 J,B	ND<2
24-Jan-12	**23**	1.7	**12**	0.64	ND<0.5	ND<0.5	1.8	0.9	ND<0.5	0.16 J	0.12 J,B	0.34 J,B	ND<2
14-Feb-12	**22**	1.3	3.4	0.33 J	ND<0.5	ND<0.5	1.8	1.4	0.15 J	0.10 J	0.19 J,B	0.38 J,B	ND<2
19-Mar-12	**12**	1.1	4.0	0.14 J	ND<0.5	ND<0.5	1.7	0.97	0.15 J	0.11 J	0.12 J	1.5 J,B	ND<2
10-Apr-12	**23**	1.0	**5.3**	0.16 J	ND<0.5	ND<0.5	1.6	0.99	0.12 J	ND<0.5	0.13 J	0.47 J	ND<2
The FRWs were shut down on April 19, 2012													
17-May-12	**31**	**5.5**	**31**	**1.3**	0.20 J	0.18 J	1.6	1.2	0.11 J	0.21 J	0.14 J,B	2.8 B	2.6 B
The FRWs were restarted on June 7, 2012													
20-Jun-12	**65**	2.5	2.9	ND<0.5	ND<0.5	0.30 J	2.0	1.3	0.15 J	0.11 J	0.16 J,B	6.5 B	ND<2
10-Jul-12	**23**	4.2	3.1	0.26 J	ND<0.5	ND<0.5	1.8	1.3	0.14 J	0.12 J	0.12 J,B	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012													
21-Aug-12	**32**	**8.2**	**41**	1.0	0.20 J	0.39 J	0.70	0.46 J	ND<0.5	0.12 J	0.53 J,B	ND<2	ND<2
4-Sep-12	**34**	**6.6**	**34**	ND<0.5	0.14 J	0.35 J	2.1	2.1	ND<0.5	0.43 J	0.12 J,B	0.27 J,B	2.0 B
19-Sep-12	**15**	**4.6**	**45**	0.92	0.14 J	0.29 J	0.53	0.16 J	ND<0.5	0.15 J	ND<2	ND<2	2.7 B
31-Oct-12	**25**	**8.8**	**37**	**1.5**	0.22 J	0.36 J	0.68	0.3 J	ND<1	0.22 J	ND<4	ND<4	ND<4
18-Dec-12	**46**	**10**	**25**	**1.7**	0.30 J	0.43 J	0.74	0.34 J	0.23 J	0.13 J	ND<2	ND<2	2.1
20-Feb-13	**35**	**7.7**	**69**	**5.4**	0.60	0.47 J	0.29 J	ND<0.5	ND<0.5	ND<0.5	ND<2	0.97 J,B	ND<2
20-Mar-13 [2/]	**25**	**7.8**	**120**	**3.4**	1.3	0.71	0.32 J	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<2	6.8 B
23-Apr-13	**1.3**	0.31 J	**370**	ND<0.5	3.6	0.56	0.29 J	ND<0.5	ND<0.5	0.18 J	ND<2	2.3 B	10 B

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. During March 2013 the groundwater sample from this well was also analyzed for Ethane and Ethene; nither compound was detected.

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method
ND: Not detected

PCE: Tetrachloroethylene
IPB: Isopropylbenzene
VC: Vinyl chloride
CM: Chloromethane
TCE: Trichloroethene
NPB: n-Propylbenzene
p-IPT: p-Isopropyltoluene
MC: Methylene chloride
cis12DCE: cis-1,2-Dichloroethene
EB: Ethyl Benzene
SBB: sec-Butylbenzene
TBB: tert-Butylbenzene
TCA: 1,1,1-Trichloroethane
11DCA: 1,1-Dichloroethane
135TMB: 1,3,5-Trimethylbenzene

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October

TABLE 8

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Recovery Well FRW-4 VOC Concentrations, micrograms per liter

FRW-4											
Date	PCE	TCE	cis12DCE	VC	TCA	11DCA	m-&p-Xylenes	o-Xylene	Napthalene	MC	Acetone
ARARs	5	5	5	1 [1/]	5	5	5	5	NE	5	NE
26-Apr-11	1.7	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11-May-11	3.4	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
6-Jun-11	2.8	ND<1	0.7 J	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12-Jul-11	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
18-Aug-11	2.8	ND<1	1.0	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
15-Sep-11	**22**	0.99 J	3.1 J	ND<5	ND<5	ND<5	ND<10	ND<5	ND<10	4.8 J,B	4.5 J,B
11-Oct-11	**13**	2.0 J	1.6 J	ND<5	ND<5	ND<5	ND<10	ND<5	ND<10	4.3 J,B	--
8-Nov-11	**30**	1.8	**6.0**	ND<0.5	0.19 J	ND<0.5	ND<1	ND<0.5	ND<2	0.77 J,B	ND<2
20-Dec-11	**39**	1.7	2.4	ND<0.5	0.44 J	ND<0.5	ND<1	ND<0.5	0.21 J,B	0.47 J,B	ND<2
24-Jan-12	**15**	0.83	4.6	ND<0.5	0.13 J	ND<0.5	ND<1	ND<0.5	ND<2	0.31 J,B	1.2 J,B
14-Feb-12	**25**	0.98	3.3	ND<0.5	0.14 J	ND<0.5	ND<1	ND<0.5	0.13 J,B	0.55 J,B	ND<2
19-Mar-12	**22**	1.2	**6.8**	0.11 J	0.14 J	ND<0.5	ND<1	ND<0.5	ND<2	1.6 J,B	1.2 J,B
10-Apr-12	**12**	0.79	1.8	ND<0.5	0.10 J	ND<0.5	ND<1	ND<0.5	ND<2	0.50	ND<2
The FRWs were shut down on April 19, 2012											
17-May-12	**10**	0.88	**11**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	0.12 J,B	2.4 B	1.6 J,B
The FRWs were restarted on June 7, 2012											
20-Jun-12	**21**	1.6	2.4	ND<0.5	0.16 J	ND<0.5	ND<1	ND<0.5	ND<2	7.1 B	ND<2
10-Jul-12	**24**	3.8	4.7	ND<0.5	0.27 J	ND<0.5	0.12 J	0.16 J	1.9 J,B	1.2 J,B	ND<2
The FRWs were shut down on July 30, 2012											
21-Aug-12	**14**	0.86	**19**	ND<0.5	0.21 J	ND<0.5	ND<1	ND<0.5	0.34 J,B	ND<2	ND<2
4-Sep-12	**13**	0.64	**21**	ND<0.5	0.21 J	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	1.5 J,B
19-Sep-12	**6.1**	0.33 J	**25**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	ND<2
31-Oct-12	2.3	ND<0.5	**14**	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<0.5	ND<2	ND<2	2.8
18-Dec-12	0.36 J	0.13 J	1.1	ND<0.5	ND<0.5	ND<0.5	0.29 J	0.14 J	ND<2	ND<2	1.3 J,B
20-Feb-13	**15**	1.9	2.4	ND<0.5	0.72 J	ND<0.5	ND<1	ND<0.5	ND<2	1.4 J,B	ND<2
20-Mar-13 [2/]	**62**	8.8	**43**	0.10 J	2.4	1.9	ND<1	ND<0.5	ND<2	ND<2	1.5 J,B
23-Apr-13	**82**	11.0	**39**	ND<0.5	2.7	1.7	ND<1	ND<0.5	ND<2	2.0 B	ND<2

ARARs - Applicable Relevant and Appropriate Requirements for aquifer restoration established for the Site.
1. NYSDEC ambient water quality standards for these compounds are presented because site-specific ARARs for these compounds were not established.
2. During March 2013 the groundwater sample from this well was also analyzed for Ethane and Ethene; nither

J : Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Method blank contamination, the associated method blank contains the target analyte at a reportable level.
ND: Not detected

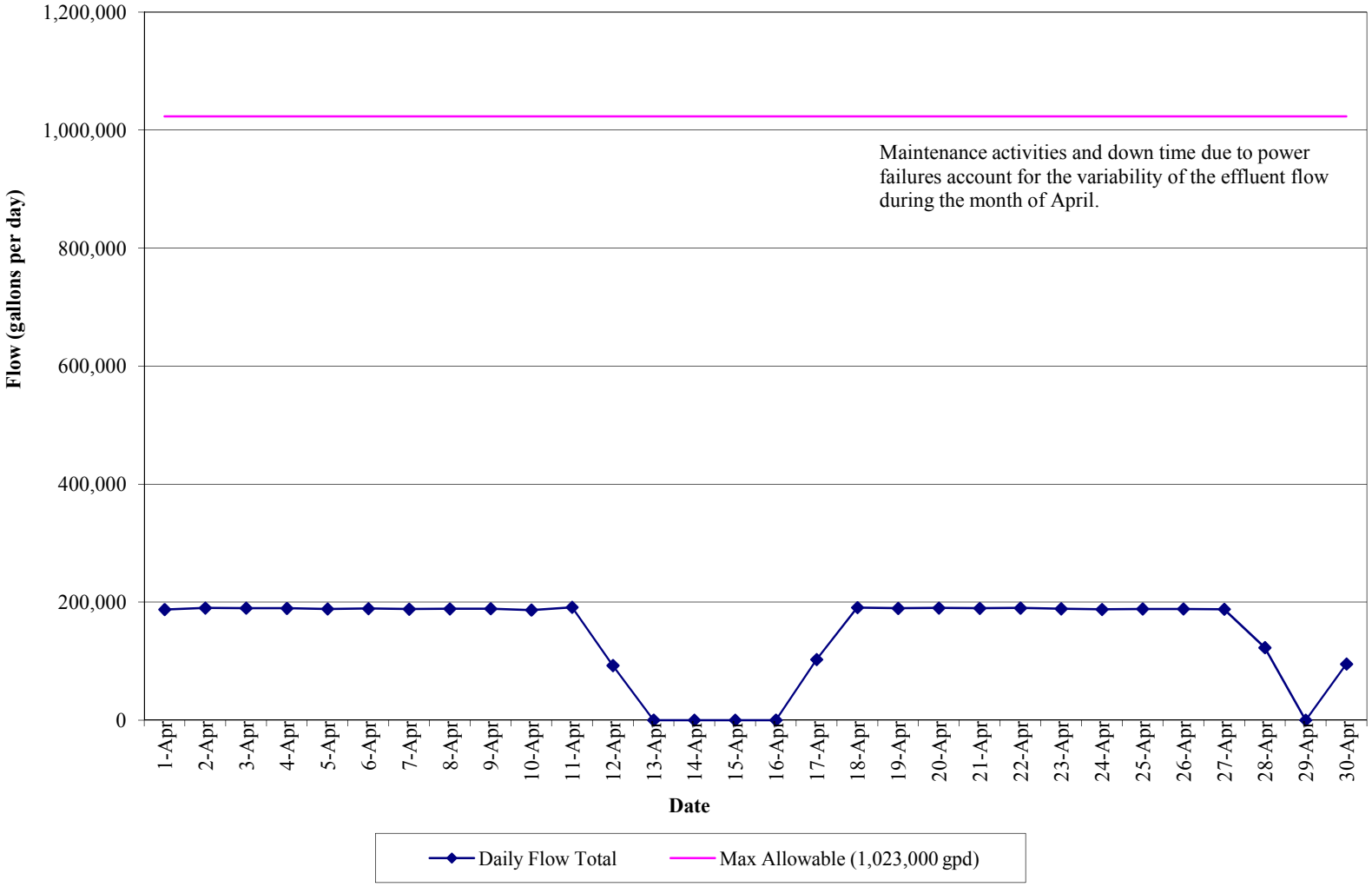
PCE: Tetrachloroethylene
TCE: Trichloroethene
cis12DCE: cis-1,2-Dichloroethene
IPB: Isopropylbenzene
NPB: n-Propylbenzene
NBB: n-Butylbenzene
VMC: Metylene Chloride
TCA: 1,1,1-Trichloroethane
C: Vinyl Chloride

Comments:
As of September 1, 2011 the water samples are analyzed by York Analytical Laboratories, Inc. The laboratory typically uses a reporting limit (RL) for water of 5 ug/l for VOC. York reports detections below 5 ug/l as an estimated value; these values are below the RL but greater than or equal to the method detection limit (MDL). A value reported below the RL but above the MDL is considered an estimated value and flagged with a "J". The calibration curve was adjusted to a reporting limit of 0.5 ug/l during October 2011.

GRAPHS

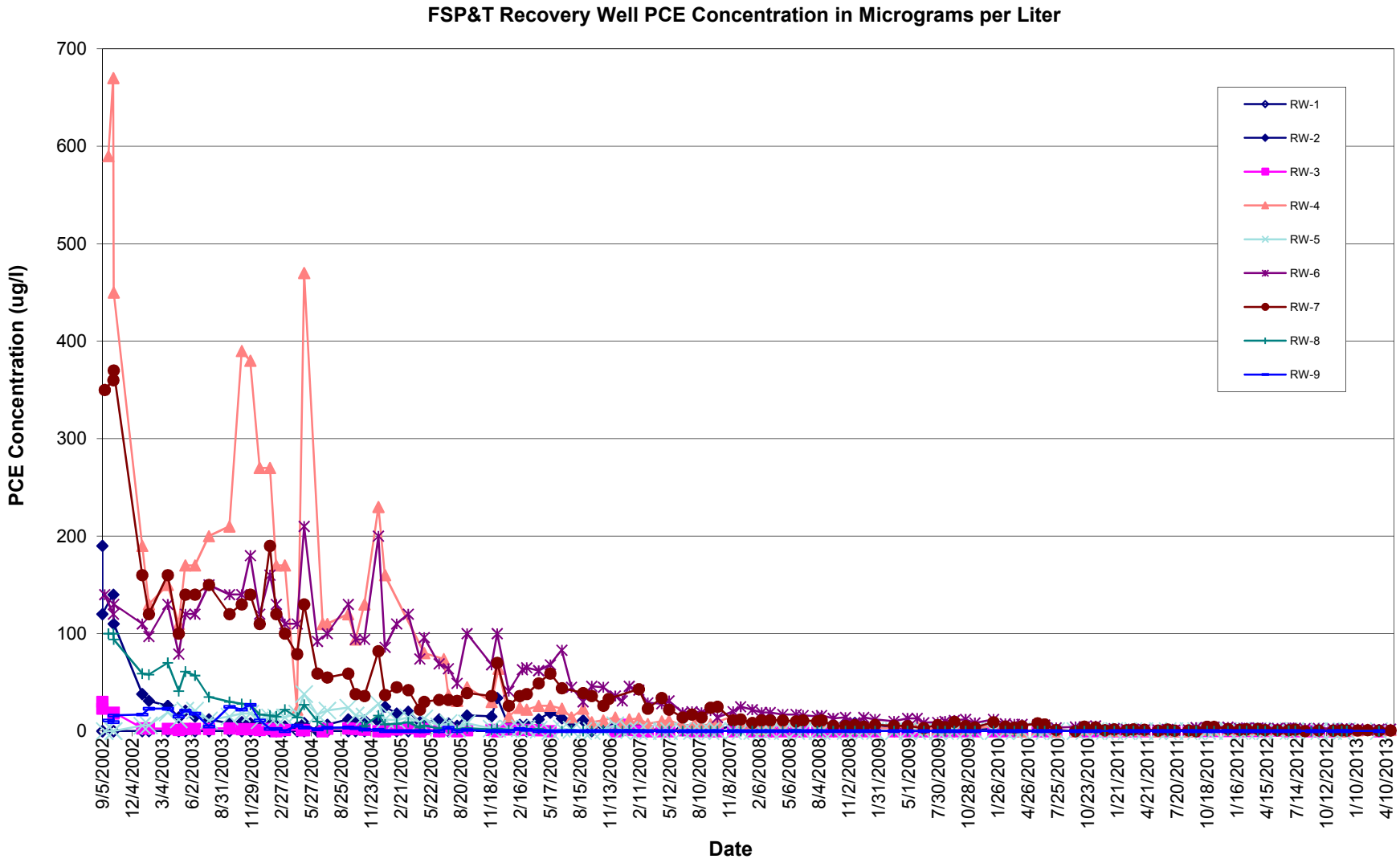
GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(April 1, 2013 to April 30, 2013)



GRAPH 2

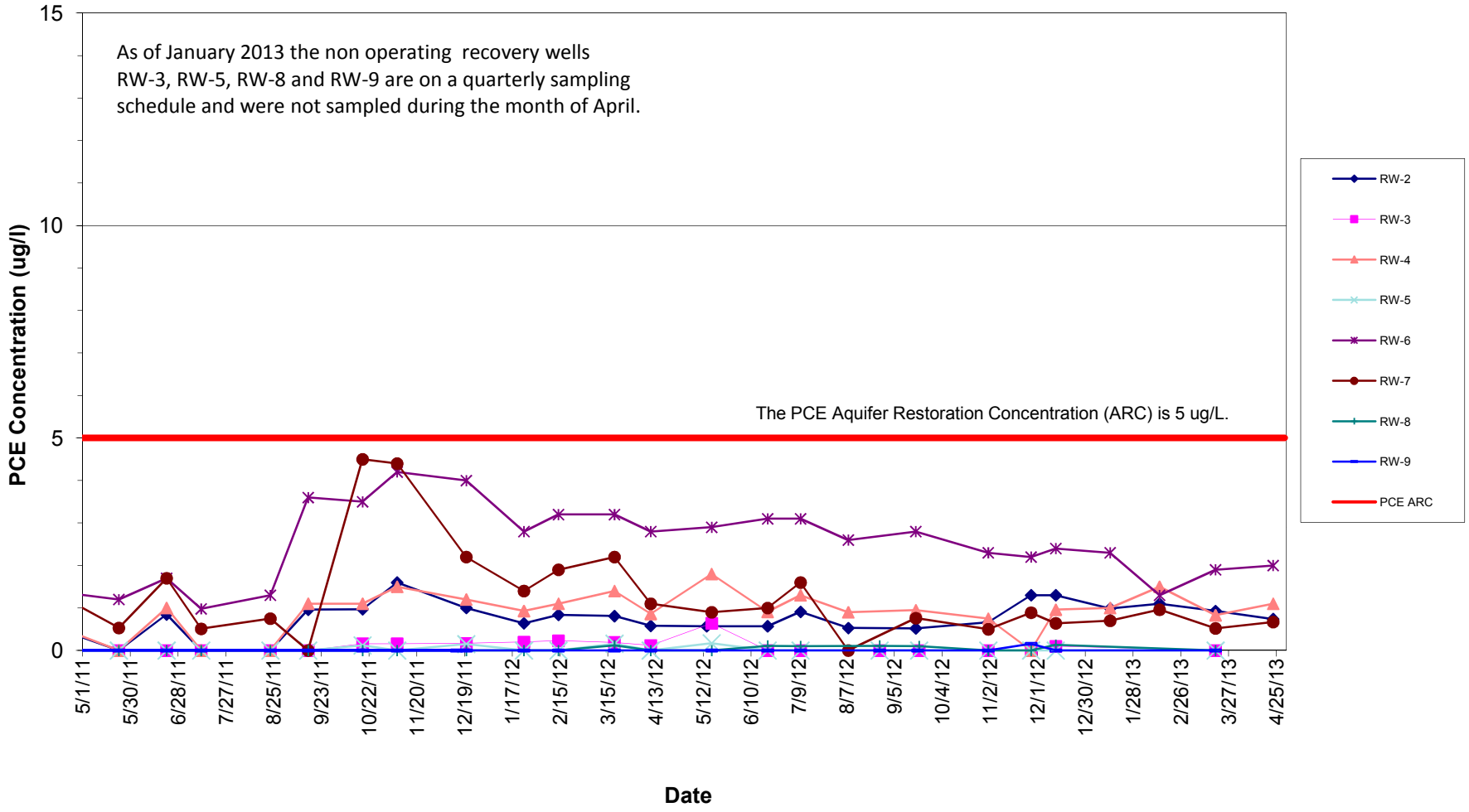
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK



GRAPH 3

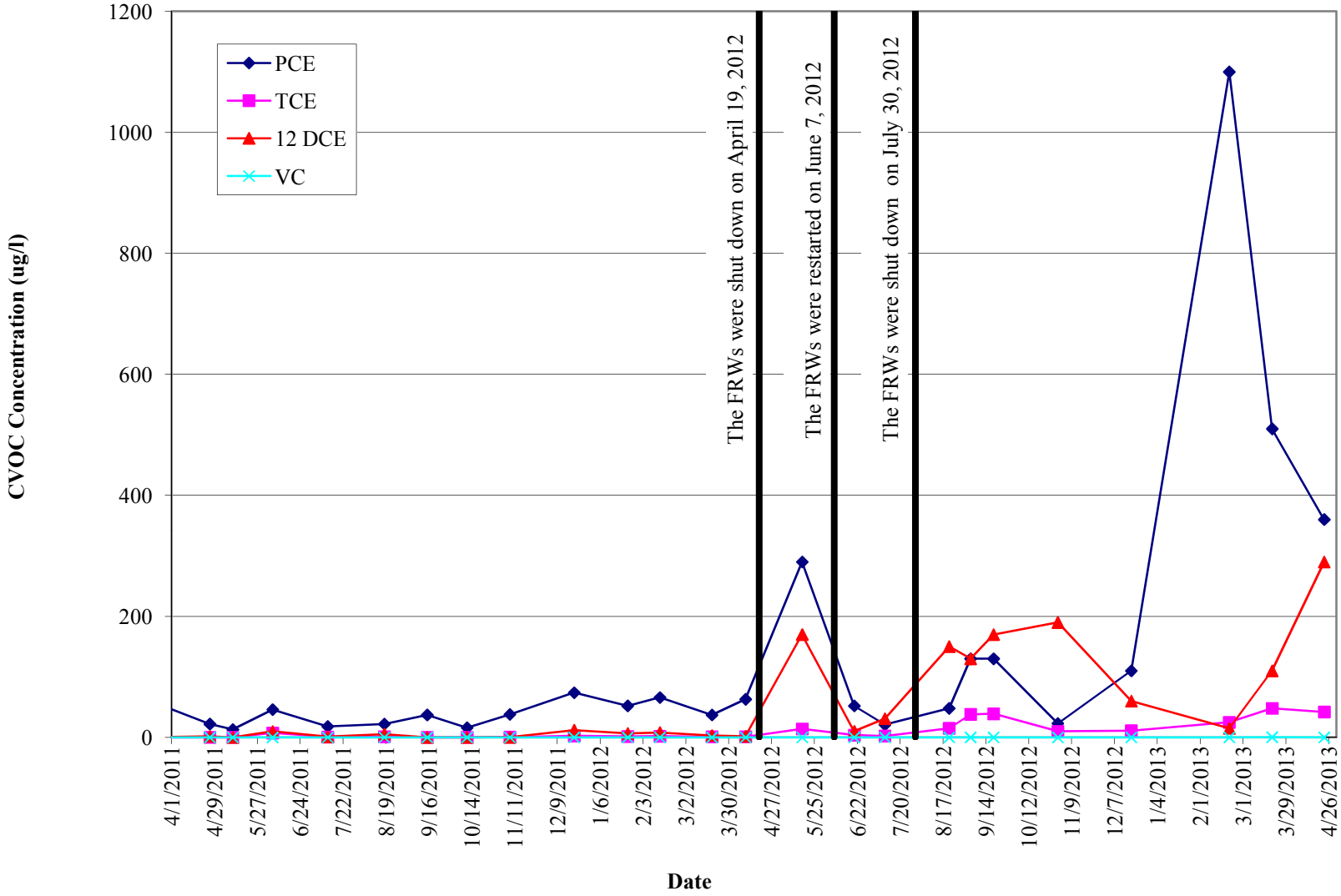
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FSP&T Recovery Well PCE Concentration



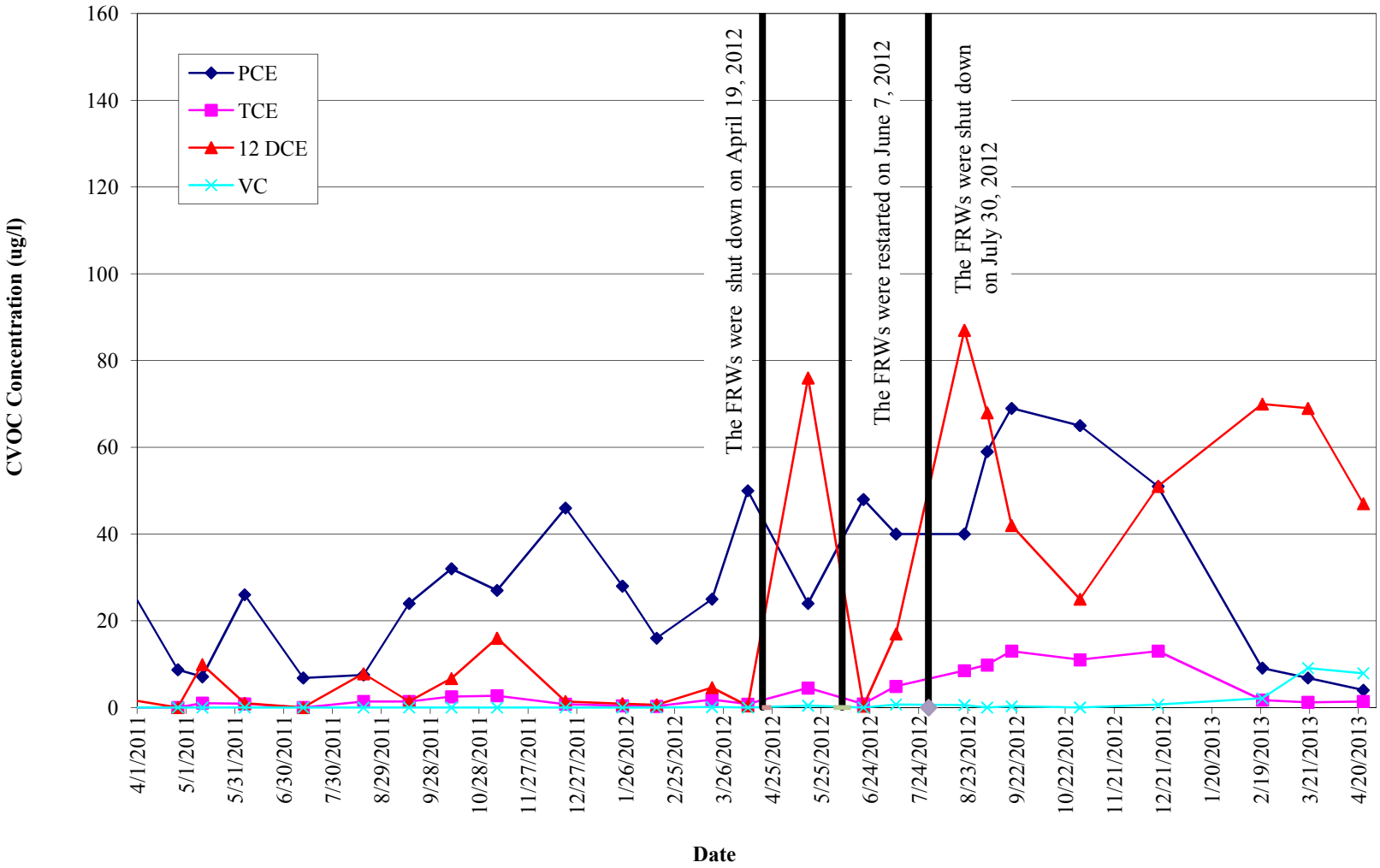
GRAPH 4
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-1



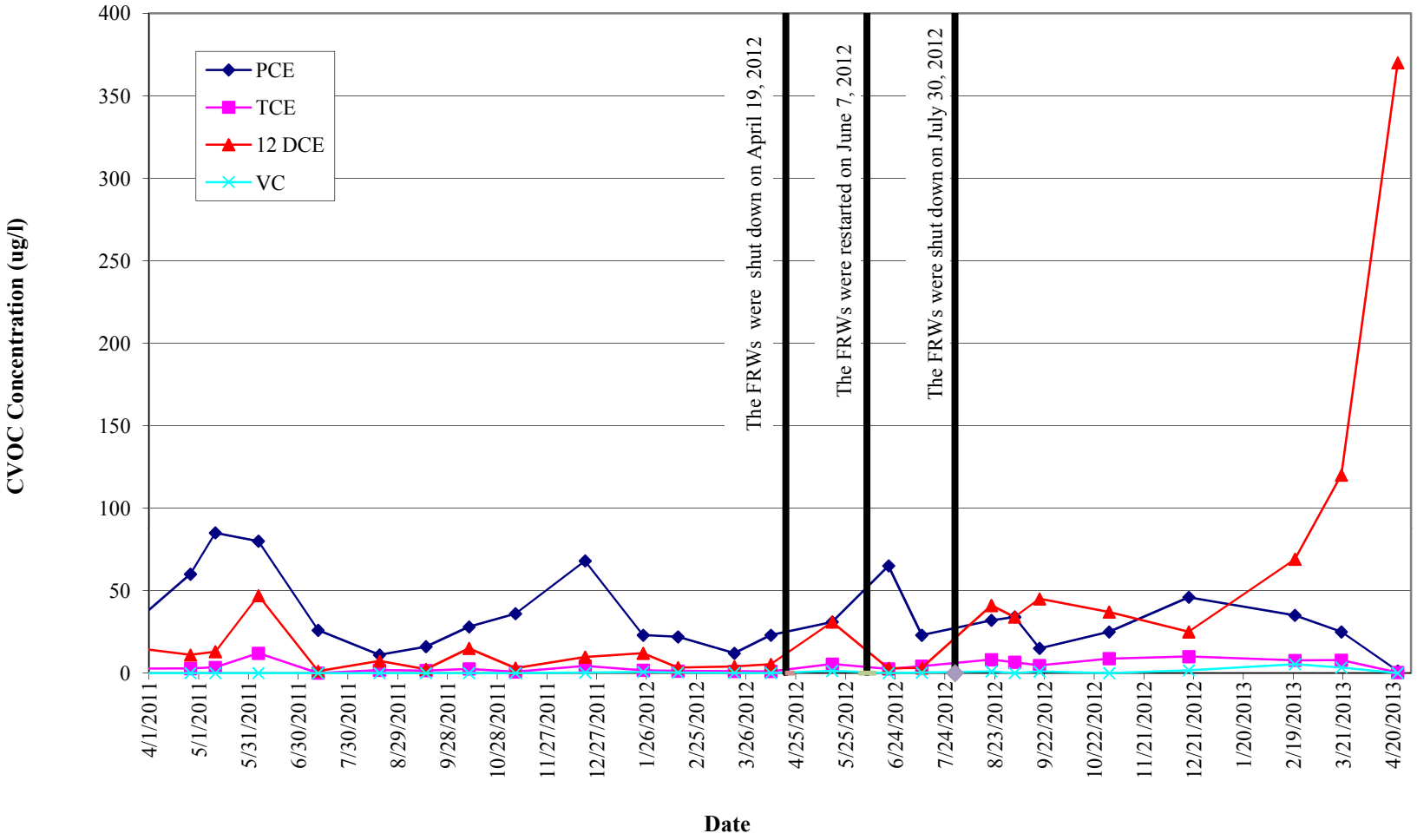
GRAPH 5
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-2



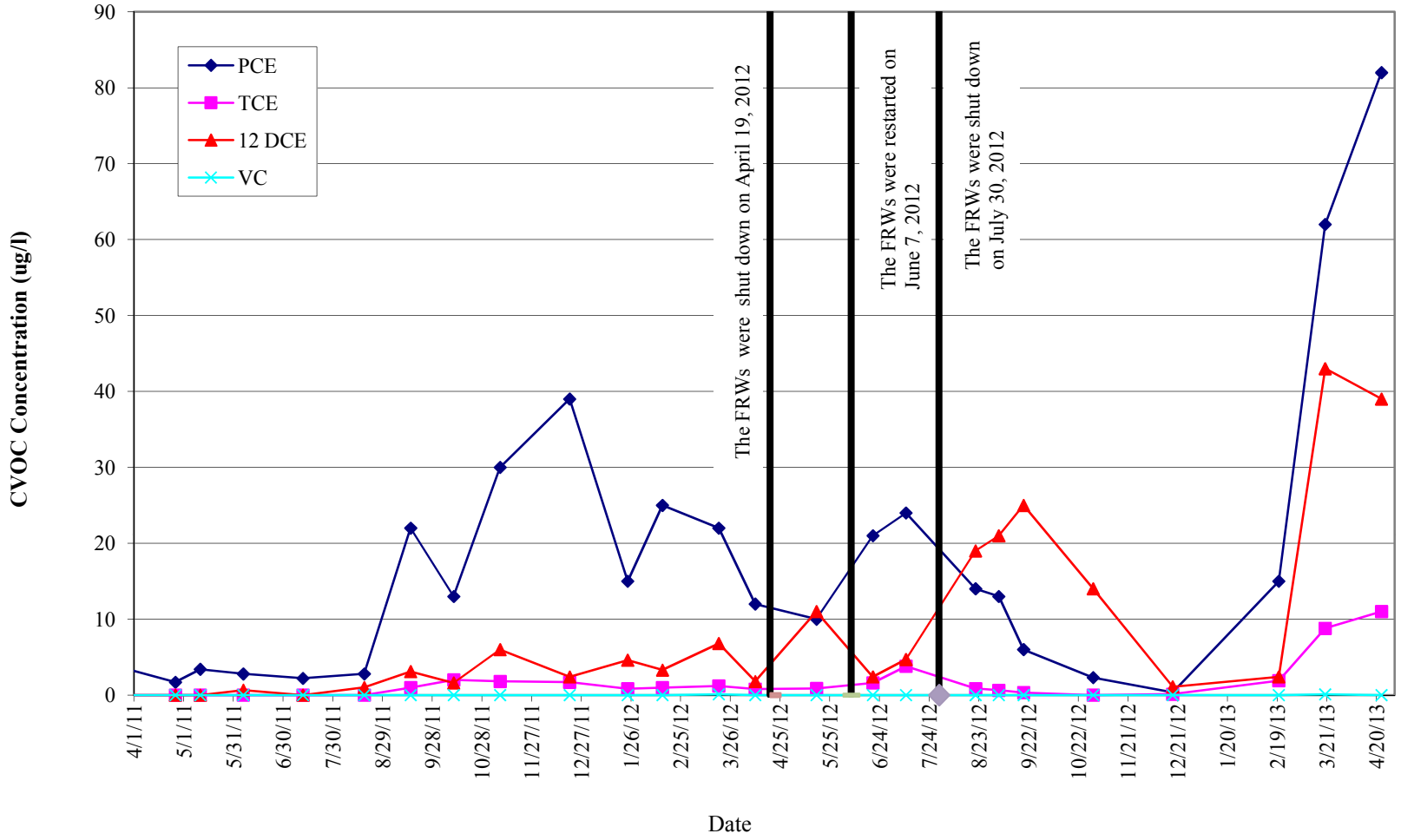
GRAPH 6
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-3



GRAPH 7
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

FP&T Recovery Well VOC Concentrations for FRW-4



APPENDIX I
APRIL 2013 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/11/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13D0238

Report Date: 04/11/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13D0238

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 04, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0238-01	WQ040413:11:00NP2-6	Water	04/04/2013	04/04/2013
13D0238-02	WQ040413:11:10NP2-7	Water	04/04/2013	04/04/2013
13D0240-01	WQ040413:11:20NP2-10	Water	04/04/2013	04/04/2013

General Notes for York Project (SDG) No.: 13D0238

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 04/11/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ040413:11:00NP2-6 **York Sample ID:** 13D0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0238	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
71-55-6	1,1,1-Trichloroethane	**0.69**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-34-3	1,1-Dichloroethane	**0.20**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS

Sample Information

Client Sample ID: WQ040413:11:00NP2-6 **York Sample ID:** 13D0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0238	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
127-18-4	Tetrachloroethylene	**0.72**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 22:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*116 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*81.2-127*

Sample Information

Client Sample ID: WQ040413:11:00NP2-6 **York Sample ID:** 13D0238-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0238	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/08/2013 16:31	04/08/2013 18:48	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.96**		mg/L	0.0100	0.0200	1	EPA 200.7	04/08/2013 16:35	04/08/2013 20:48	MW

Sample Information

Client Sample ID: WQ040413:11:10NP2-7 **York Sample ID:** 13D0238-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0238	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS

Sample Information

Client Sample ID: WQ040413:11:10NP2-7 **York Sample ID:** 13D0238-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0238	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS

Sample Information

Client Sample ID: WQ040413:11:10NP2-7 **York Sample ID:** 13D0238-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0238	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/09/2013 09:15	04/09/2013 23:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0681**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/08/2013 16:31	04/08/2013 18:53	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.301**		mg/L	0.0100	0.0200	1	EPA 200.7	04/08/2013 16:35	04/08/2013 20:53	MW

Sample Information

Client Sample ID: WQ040413:11:20NP2-10 **York Sample ID:** 13D0240-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0240	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS

Sample Information

Client Sample ID: WQ040413:11:20NP2-10 **York Sample ID:** 13D0240-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0240	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS

Sample Information

Client Sample ID: WQ040413:11:20NP2-10 **York Sample ID:** 13D0240-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0240	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/09/2013 09:16	04/10/2013 14:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*81.2-127*

Sample Information

Client Sample ID: WQ040413:11:20NP2-10 **York Sample ID:** 13D0240-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0240	Rowe Industries	Water	April 4, 2013 12:00 pm	04/04/2013

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.105**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/08/2013 16:31	04/08/2013 18:58	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.427**		mg/L	0.0100	0.0200	1	EPA 200.7	04/08/2013 16:35	04/08/2013 20:57	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**97.0**		mg/L	1.00	1.00	1	SM 2540C	04/08/2013 08:04	04/08/2013 08:04	ALD

Analytical Batch Summary

Batch ID: BD30292 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13D0240-01	WQ040413:11:20NP2-10	04/08/13
BD30292-BLK1	Blank	04/08/13
BD30292-DUP1	Duplicate	04/08/13

Batch ID: BD30392 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13D0238-01	WQ040413:11:00NP2-6	04/08/13
13D0238-02	WQ040413:11:10NP2-7	04/08/13
13D0240-01	WQ040413:11:20NP2-10	04/08/13
BD30392-BLK1	Blank	04/08/13
BD30392-DUP1	Duplicate	04/08/13
BD30392-MS1	Matrix Spike	04/08/13
BD30392-SRM1	Reference	04/08/13

Batch ID: BD30393 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13D0238-01	WQ040413:11:00NP2-6	04/08/13
13D0238-02	WQ040413:11:10NP2-7	04/08/13
13D0240-01	WQ040413:11:20NP2-10	04/08/13
BD30393-BLK1	Blank	04/08/13
BD30393-DUP1	Duplicate	04/08/13
BD30393-MS1	Matrix Spike	04/08/13
BD30393-SRM1	Reference	04/08/13

Batch ID: BD30438 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13D0238-01	WQ040413:11:00NP2-6	04/09/13
13D0238-02	WQ040413:11:10NP2-7	04/09/13
BD30438-BLK1	Blank	04/09/13
BD30438-BS1	LCS	04/09/13
BD30438-BSD1	LCS Dup	04/09/13

Batch ID: BD30475 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13D0240-01	WQ040413:11:20NP2-10	04/09/13
BD30475-BLK1	Blank	04/09/13
BD30475-BS1	LCS	04/10/13
BD30475-BSD1	LCS Dup	04/10/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30438 - EPA 5030B											
Blank (BD30438-BLK1)									Prepared & Analyzed: 04/09/2013		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30438 - EPA 5030B											
Blank (BD30438-BLK1)								Prepared & Analyzed: 04/09/2013			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.9*		*"*	*10.0*		*109*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				
LCS (BD30438-BS1)								Prepared & Analyzed: 04/09/2013			
1,1,1,2-Tetrachloroethane	8.47		ug/L	10.0		84.7	82.3-130				
1,1,1-Trichloroethane	10.8		"	10.0		108	75.6-137				
1,1,2,2-Tetrachloroethane	8.48		"	10.0		84.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	71.1-129				
1,1,2-Trichloroethane	9.89		"	10.0		98.9	74.5-129				
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132				
1,1-Dichloroethylene	8.73		"	10.0		87.3	80.2-146				
1,1-Dichloropropylene	9.87		"	10.0		98.7	75-136				
1,2,3-Trichlorobenzene	9.18		"	10.0		91.8	66.1-136				
1,2,3-Trichloropropane	9.78		"	10.0		97.8	63-131				
1,2,4-Trichlorobenzene	8.95		"	10.0		89.5	70.6-136				
1,2,4-Trimethylbenzene	3.80		"	10.0		38.0	75.3-135	Low Bias			
1,2-Dibromo-3-chloropropane	9.21		"	10.0		92.1	58.9-140				
1,2-Dibromoethane	9.02		"	10.0		90.2	79-130				
1,2-Dichlorobenzene	8.43		"	10.0		84.3	76.1-122				
1,2-Dichloroethane	10.8		"	10.0		108	74.6-132				
1,2-Dichloropropane	9.03		"	10.0		90.3	76.9-129				
1,3,5-Trimethylbenzene	5.07		"	10.0		50.7	70.6-127	Low Bias			
1,3-Dichlorobenzene	7.89		"	10.0		78.9	77-124				
1,3-Dichloropropane	9.06		"	10.0		90.6	75.8-126				
1,4-Dichlorobenzene	8.37		"	10.0		83.7	76.6-125				
2,2-Dichloropropane	8.74		"	10.0		87.4	69-133				
2-Chlorotoluene	8.71		"	10.0		87.1	66.3-119				
2-Hexanone	9.63		"	10.0		96.3	70-130				
4-Chlorotoluene	8.37		"	10.0		83.7	69.2-127				
Acetone	9.93		"	10.0		99.3	70-130				
Benzene	10.9		"	10.0		109	76.2-129				
Bromobenzene	8.59		"	10.0		85.9	71.3-123				
Bromochloromethane	10.6		"	10.0		106	70.8-137				
Bromodichloromethane	9.16		"	10.0		91.6	79.7-134				
Bromoform	9.09		"	10.0		90.9	70.5-141				
Bromomethane	10.7		"	10.0		107	43.9-147				
Carbon tetrachloride	10.3		"	10.0		103	78.1-138				
Chlorobenzene	8.95		"	10.0		89.5	80.4-125				
Chloroethane	10.1		"	10.0		101	55.8-140				
Chloroform	10.9		"	10.0		109	76.6-133				
Chloromethane	8.72		"	10.0		87.2	48.8-115				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	75.1-128				
cis-1,3-Dichloropropylene	9.30		"	10.0		93.0	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30438 - EPA 5030B											
LCS (BD30438-BS1)								Prepared & Analyzed: 04/09/2013			
Dibromochloromethane	8.56		ug/L	10.0		85.6	79.8-134				
Dibromomethane	10.4		"	10.0		104	79-130				
Dichlorodifluoromethane	6.28		"	10.0		62.8	47.1-101				
Ethyl Benzene	9.52		"	10.0		95.2	80.8-128				
Hexachlorobutadiene	8.85		"	10.0		88.5	64.8-128				
Isopropylbenzene	8.57		"	10.0		85.7	75.5-135				
Methyl tert-butyl ether (MTBE)	11.7		"	10.0		117	65.1-140				
Methylene chloride	11.1		"	10.0		111	61.3-120				
Naphthalene	5.05		"	10.0		50.5	62.3-148	Low Bias			
n-Butylbenzene	8.43		"	10.0		84.3	67.2-123				
n-Propylbenzene	8.62		"	10.0		86.2	70.5-127				
o-Xylene	8.29		"	10.0		82.9	75.9-122				
p- & m- Xylenes	16.5		"	20.0		82.6	77.7-127				
p-Isopropyltoluene	7.61		"	10.0		76.1	75.6-129				
sec-Butylbenzene	8.55		"	10.0		85.5	71.5-125				
Styrene	1.45		"	10.0		14.5	77.8-123	Low Bias			
tert-Butylbenzene	8.02		"	10.0		80.2	75.9-151				
Tetrachloroethylene	8.88		"	10.0		88.8	63.6-167				
Toluene	9.24		"	10.0		92.4	77-123				
trans-1,2-Dichloroethylene	9.41		"	10.0		94.1	76.3-139				
trans-1,3-Dichloropropylene	8.64		"	10.0		86.4	72.5-137				
Trichloroethylene	9.19		"	10.0		91.9	77.9-130				
Trichlorofluoromethane	10.5		"	10.0		105	57.4-133				
Vinyl Chloride	7.97		"	10.0		79.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.1*		*"*	*10.0*		*111*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30438 - EPA 5030B											
LCS Dup (BD30438-BSD1)							Prepared & Analyzed: 04/09/2013				
1,1,1,2-Tetrachloroethane	8.59		ug/L	10.0		85.9	82.3-130		1.41	21.1	
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137		5.33	19.7	
1,1,2,2-Tetrachloroethane	8.96		"	10.0		89.6	71.3-131		5.50	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.76		"	10.0		97.6	71.1-129		3.92	21.7	
1,1,2-Trichloroethane	9.25		"	10.0		92.5	74.5-129		6.69	20.3	
1,1-Dichloroethane	9.77		"	10.0		97.7	79.6-132		5.96	20.6	
1,1-Dichloroethylene	8.59		"	10.0		85.9	80.2-146		1.62	20	
1,1-Dichloropropylene	9.75		"	10.0		97.5	75-136		1.22	19.3	
1,2,3-Trichlorobenzene	9.13		"	10.0		91.3	66.1-136		0.546	21.6	
1,2,3-Trichloropropane	9.40		"	10.0		94.0	63-131		3.96	23.9	
1,2,4-Trichlorobenzene	9.32		"	10.0		93.2	70.6-136		4.05	21.7	
1,2,4-Trimethylbenzene	4.52		"	10.0		45.2	75.3-135	Low Bias	17.3	18.8	
1,2-Dibromo-3-chloropropane	9.59		"	10.0		95.9	58.9-140		4.04	27.7	
1,2-Dibromoethane	8.98		"	10.0		89.8	79-130		0.444	23	
1,2-Dichlorobenzene	8.64		"	10.0		86.4	76.1-122		2.46	19.8	
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132		7.96	20.2	
1,2-Dichloropropane	9.05		"	10.0		90.5	76.9-129		0.221	20.7	
1,3,5-Trimethylbenzene	6.61		"	10.0		66.1	70.6-127	Low Bias	26.4	18.9	Non-dir.
1,3-Dichlorobenzene	8.28		"	10.0		82.8	77-124		4.82	19.2	
1,3-Dichloropropane	8.72		"	10.0		87.2	75.8-126		3.82	22.1	
1,4-Dichlorobenzene	8.49		"	10.0		84.9	76.6-125		1.42	18.6	
2,2-Dichloropropane	8.43		"	10.0		84.3	69-133		3.61	19.8	
2-Chlorotoluene	8.79		"	10.0		87.9	66.3-119		0.914	21.6	
2-Hexanone	9.70		"	10.0		97.0	70-130		0.724	30	
4-Chlorotoluene	8.49		"	10.0		84.9	69.2-127		1.42	19	
Acetone	7.48		"	10.0		74.8	70-130		28.1	30	
Benzene	10.4		"	10.0		104	76.2-129		4.22	19	
Bromobenzene	8.66		"	10.0		86.6	71.3-123		0.812	20.3	
Bromochloromethane	10.3		"	10.0		103	70.8-137		2.59	23.9	
Bromodichloromethane	9.31		"	10.0		93.1	79.7-134		1.62	21	
Bromoform	8.47		"	10.0		84.7	70.5-141		7.06	21.8	
Bromomethane	10.3		"	10.0		103	43.9-147		4.19	28.4	
Carbon tetrachloride	10.1		"	10.0		101	78.1-138		2.65	20.1	
Chlorobenzene	8.84		"	10.0		88.4	80.4-125		1.24	19.9	
Chloroethane	9.66		"	10.0		96.6	55.8-140		4.06	23.3	
Chloroform	10.4		"	10.0		104	76.6-133		4.50	20.3	
Chloromethane	8.31		"	10.0		83.1	48.8-115		4.82	24.5	
cis-1,2-Dichloroethylene	10.8		"	10.0		108	75.1-128		4.63	20.5	
cis-1,3-Dichloropropylene	9.09		"	10.0		90.9	74.5-128		2.28	19.9	
Dibromochloromethane	8.81		"	10.0		88.1	79.8-134		2.88	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		2.33	22.4	
Dichlorodifluoromethane	5.92		"	10.0		59.2	47.1-101		5.90	23.9	
Ethyl Benzene	9.51		"	10.0		95.1	80.8-128		0.105	19.2	
Hexachlorobutadiene	8.73		"	10.0		87.3	64.8-128		1.37	20.6	
Isopropylbenzene	8.77		"	10.0		87.7	75.5-135		2.31	20	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	65.1-140		6.69	23.6	
Methylene chloride	10.6		"	10.0		106	61.3-120		4.42	20.4	
Naphthalene	5.39		"	10.0		53.9	62.3-148	Low Bias	6.51	27.1	
n-Butylbenzene	8.69		"	10.0		86.9	67.2-123		3.04	19.1	
n-Propylbenzene	8.94		"	10.0		89.4	70.5-127		3.64	23.4	
o-Xylene	8.52		"	10.0		85.2	75.9-122		2.74	19.3	
p- & m- Xylenes	17.2		"	20.0		86.0	77.7-127		3.97	18.6	
p-Isopropyltoluene	7.91		"	10.0		79.1	75.6-129		3.87	19.1	
sec-Butylbenzene	8.95		"	10.0		89.5	71.5-125		4.57	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30438 - EPA 5030B											
LCS Dup (BD30438-BSD1)								Prepared & Analyzed: 04/09/2013			
Styrene	2.83		ug/L	10.0		28.3	77.8-123	Low Bias	64.5	20.9	Non-dir.
tert-Butylbenzene	8.39		"	10.0		83.9	75.9-151		4.51	20.9	
Tetrachloroethylene	8.55		"	10.0		85.5	63.6-167		3.79	27.7	
Toluene	9.24		"	10.0		92.4	77-123		0.00	18.7	
trans-1,2-Dichloroethylene	9.10		"	10.0		91.0	76.3-139		3.35	19.5	
trans-1,3-Dichloropropylene	8.69		"	10.0		86.9	72.5-137		0.577	19.3	
Trichloroethylene	9.26		"	10.0		92.6	77.9-130		0.759	20.5	
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133		1.53	21.4	
Vinyl Chloride	7.88		"	10.0		78.8	54.9-124		1.14	22.3	
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				
Batch BD30475 - EPA 5030B											
Blank (BD30475-BLK1)								Prepared: 04/09/2013 Analyzed: 04/10/2013			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.6	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30475 - EPA 5030B											
Blank (BD30475-BLK1)											
Prepared: 04/09/2013 Analyzed: 04/10/2013											
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	6.5	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*12.6*		*"*	*10.0*		*126*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*63.5-145*				
Surrogate: Toluene-d8	*11.0*		*"*	*10.0*		*110*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30475 - EPA 5030B											
LCS (BD30475-BS1)								Prepared & Analyzed: 04/10/2013			
1,1,1,2-Tetrachloroethane	8.18		ug/L	10.0		81.8	82.3-130	Low Bias			
1,1,1-Trichloroethane	10.3		"	10.0		103	75.6-137				
1,1,2,2-Tetrachloroethane	8.43		"	10.0		84.3	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.87		"	10.0		98.7	71.1-129				
1,1,2-Trichloroethane	9.15		"	10.0		91.5	74.5-129				
1,1-Dichloroethane	9.95		"	10.0		99.5	79.6-132				
1,1-Dichloroethylene	8.99		"	10.0		89.9	80.2-146				
1,1-Dichloropropylene	9.63		"	10.0		96.3	75-136				
1,2,3-Trichlorobenzene	8.94		"	10.0		89.4	66.1-136				
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131				
1,2,4-Trichlorobenzene	9.14		"	10.0		91.4	70.6-136				
1,2,4-Trimethylbenzene	8.74		"	10.0		87.4	75.3-135				
1,2-Dibromo-3-chloropropane	16.6		"	10.0		166	58.9-140	High Bias			
1,2-Dibromoethane	8.82		"	10.0		88.2	79-130				
1,2-Dichlorobenzene	8.58		"	10.0		85.8	76.1-122				
1,2-Dichloroethane	9.54		"	10.0		95.4	74.6-132				
1,2-Dichloropropane	8.89		"	10.0		88.9	76.9-129				
1,3,5-Trimethylbenzene	8.72		"	10.0		87.2	70.6-127				
1,3-Dichlorobenzene	8.27		"	10.0		82.7	77-124				
1,3-Dichloropropane	8.48		"	10.0		84.8	75.8-126				
1,4-Dichlorobenzene	8.48		"	10.0		84.8	76.6-125				
2,2-Dichloropropane	9.84		"	10.0		98.4	69-133				
2-Chlorotoluene	9.29		"	10.0		92.9	66.3-119				
2-Hexanone	8.27		"	10.0		82.7	70-130				
4-Chlorotoluene	9.54		"	10.0		95.4	69.2-127				
Acetone	6.69		"	10.0		66.9	70-130	Low Bias			
Benzene	10.3		"	10.0		103	76.2-129				
Bromobenzene	8.82		"	10.0		88.2	71.3-123				
Bromochloromethane	9.52		"	10.0		95.2	70.8-137				
Bromodichloromethane	9.14		"	10.0		91.4	79.7-134				
Bromoform	8.64		"	10.0		86.4	70.5-141				
Bromomethane	10.6		"	10.0		106	43.9-147				
Carbon tetrachloride	10.0		"	10.0		100	78.1-138				
Chlorobenzene	8.82		"	10.0		88.2	80.4-125				
Chloroethane	9.59		"	10.0		95.9	55.8-140				
Chloroform	10.3		"	10.0		103	76.6-133				
Chloromethane	7.99		"	10.0		79.9	48.8-115				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128				
cis-1,3-Dichloropropylene	9.03		"	10.0		90.3	74.5-128				
Dibromochloromethane	8.64		"	10.0		86.4	79.8-134				
Dibromomethane	9.70		"	10.0		97.0	79-130				
Dichlorodifluoromethane	5.42		"	10.0		54.2	47.1-101				
Ethyl Benzene	9.76		"	10.0		97.6	80.8-128				
Hexachlorobutadiene	9.04		"	10.0		90.4	64.8-128				
Isopropylbenzene	9.15		"	10.0		91.5	75.5-135				
Methyl tert-butyl ether (MTBE)	10.2		"	10.0		102	65.1-140				
Methylene chloride	15.7		"	10.0		157	61.3-120	High Bias			
Naphthalene	7.19		"	10.0		71.9	62.3-148				
n-Butylbenzene	9.52		"	10.0		95.2	67.2-123				
n-Propylbenzene	9.34		"	10.0		93.4	70.5-127				
o-Xylene	9.35		"	10.0		93.5	75.9-122				
p- & m- Xylenes	19.6		"	20.0		98.2	77.7-127				
p-Isopropyltoluene	9.04		"	10.0		90.4	75.6-129				
sec-Butylbenzene	9.25		"	10.0		92.5	71.5-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30475 - EPA 5030B											
LCS (BD30475-BS1)							Prepared & Analyzed: 04/10/2013				
Styrene	8.94		ug/L	10.0		89.4	77.8-123				
tert-Butylbenzene	8.68		"	10.0		86.8	75.9-151				
Tetrachloroethylene	8.76		"	10.0		87.6	63.6-167				
Toluene	9.26		"	10.0		92.6	77-123				
trans-1,2-Dichloroethylene	9.48		"	10.0		94.8	76.3-139				
trans-1,3-Dichloropropylene	9.02		"	10.0		90.2	72.5-137				
Trichloroethylene	9.40		"	10.0		94.0	77.9-130				
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133				
Vinyl Chloride	8.27		"	10.0		82.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.4*		*"*	*10.0*		*114*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.7*		*"*	*10.0*		*107*	*81.2-127*				
LCS Dup (BD30475-BSD1)							Prepared & Analyzed: 04/10/2013				
1,1,1,2-Tetrachloroethane	8.95		ug/L	10.0		89.5	82.3-130		8.99	21.1	
1,1,1-Trichloroethane	11.0		"	10.0		110	75.6-137		6.11	19.7	
1,1,2,2-Tetrachloroethane	9.26		"	10.0		92.6	71.3-131		9.38	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	71.1-129		6.19	21.7	
1,1,2-Trichloroethane	9.88		"	10.0		98.8	74.5-129		7.67	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		7.08	20.6	
1,1-Dichloroethylene	9.79		"	10.0		97.9	80.2-146		8.52	20	
1,1-Dichloropropylene	10.8		"	10.0		108	75-136		11.2	19.3	
1,2,3-Trichlorobenzene	9.37		"	10.0		93.7	66.1-136		4.70	21.6	
1,2,3-Trichloropropane	9.53		"	10.0		95.3	63-131		0.00	23.9	
1,2,4-Trichlorobenzene	9.13		"	10.0		91.3	70.6-136		0.109	21.7	
1,2,4-Trimethylbenzene	9.05		"	10.0		90.5	75.3-135		3.49	18.8	
1,2-Dibromo-3-chloropropane	18.1		"	10.0		181	58.9-140	High Bias	8.12	27.7	
1,2-Dibromoethane	8.72		"	10.0		87.2	79-130		1.14	23	
1,2-Dichlorobenzene	8.92		"	10.0		89.2	76.1-122		3.89	19.8	
1,2-Dichloroethane	10.4		"	10.0		104	74.6-132		8.24	20.2	
1,2-Dichloropropane	9.09		"	10.0		90.9	76.9-129		2.22	20.7	
1,3,5-Trimethylbenzene	9.48		"	10.0		94.8	70.6-127		8.35	18.9	
1,3-Dichlorobenzene	8.68		"	10.0		86.8	77-124		4.84	19.2	
1,3-Dichloropropane	8.91		"	10.0		89.1	75.8-126		4.95	22.1	
1,4-Dichlorobenzene	8.57		"	10.0		85.7	76.6-125		1.06	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		4.47	19.8	
2-Chlorotoluene	9.35		"	10.0		93.5	66.3-119		0.644	21.6	
2-Hexanone	8.48		"	10.0		84.8	70-130		2.51	30	
4-Chlorotoluene	9.78		"	10.0		97.8	69.2-127		2.48	19	
Acetone	6.82		"	10.0		68.2	70-130	Low Bias	1.92	30	
Benzene	11.1		"	10.0		111	76.2-129		7.84	19	
Bromobenzene	9.33		"	10.0		93.3	71.3-123		5.62	20.3	
Bromochloromethane	10.6		"	10.0		106	70.8-137		10.3	23.9	
Bromodichloromethane	9.66		"	10.0		96.6	79.7-134		5.53	21	
Bromoform	9.05		"	10.0		90.5	70.5-141		4.64	21.8	
Bromomethane	11.5		"	10.0		115	43.9-147		8.06	28.4	
Carbon tetrachloride	10.7		"	10.0		107	78.1-138		6.84	20.1	
Chlorobenzene	9.29		"	10.0		92.9	80.4-125		5.19	19.9	
Chloroethane	10.2		"	10.0		102	55.8-140		5.67	23.3	
Chloroform	11.5		"	10.0		115	76.6-133		10.4	20.3	
Chloromethane	8.03		"	10.0		80.3	48.8-115		0.499	24.5	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	75.1-128		9.32	20.5	
cis-1,3-Dichloropropylene	9.78		"	10.0		97.8	74.5-128		7.97	19.9	
Dibromochloromethane	9.00		"	10.0		90.0	79.8-134		4.08	21.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30475 - EPA 5030B											
LCS Dup (BD30475-BSD1)								Prepared & Analyzed: 04/10/2013			
Dibromomethane	10.2		ug/L	10.0		102	79-130		4.93	22.4	
Dichlorodifluoromethane	5.26		"	10.0		52.6	47.1-101		3.00	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		3.03	19.2	
Hexachlorobutadiene	9.29		"	10.0		92.9	64.8-128		2.73	20.6	
Isopropylbenzene	9.56		"	10.0		95.6	75.5-135		4.38	20	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	65.1-140		8.62	23.6	
Methylene chloride	16.8		"	10.0		168	61.3-120	High Bias	6.96	20.4	
Naphthalene	7.40		"	10.0		74.0	62.3-148		2.88	27.1	
n-Butylbenzene	9.62		"	10.0		96.2	67.2-123		1.04	19.1	
n-Propylbenzene	9.80		"	10.0		98.0	70.5-127		4.81	23.4	
o-Xylene	9.48		"	10.0		94.8	75.9-122		1.38	19.3	
p- & m- Xylenes	20.3		"	20.0		102	77.7-127		3.45	18.6	
p-Isopropyltoluene	9.34		"	10.0		93.4	75.6-129		3.26	19.1	
sec-Butylbenzene	9.83		"	10.0		98.3	71.5-125		6.08	18.9	
Styrene	9.04		"	10.0		90.4	77.8-123		1.11	20.9	
tert-Butylbenzene	9.26		"	10.0		92.6	75.9-151		6.47	20.9	
Tetrachloroethylene	9.05		"	10.0		90.5	63.6-167		3.26	27.7	
Toluene	9.69		"	10.0		96.9	77-123		4.54	18.7	
trans-1,2-Dichloroethylene	9.99		"	10.0		99.9	76.3-139		5.24	19.5	
trans-1,3-Dichloropropylene	9.30		"	10.0		93.0	72.5-137		3.06	19.3	
Trichloroethylene	9.41		"	10.0		94.1	77.9-130		0.106	20.5	
Trichlorofluoromethane	10.9		"	10.0		109	57.4-133		5.07	21.4	
Vinyl Chloride	8.34		"	10.0		83.4	54.9-124		0.843	22.3	
Surrogate: 1,2-Dichloroethane-d4	*11.3*		*"*	*10.0*		*113*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30392 - EPA 3010A											
Blank (BD30392-BLK1)								Prepared & Analyzed: 04/08/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BD30392-DUP1)	*Source sample: 13D0240-01 (WQ040413:11:20NP2-10)							Prepared & Analyzed: 04/08/2013			
Iron - Dissolved	0.0913	0.0200	mg/L		0.105				14.1	20	
Matrix Spike (BD30392-MS1)	*Source sample: 13D0240-01 (WQ040413:11:20NP2-10)							Prepared & Analyzed: 04/08/2013			
Iron - Dissolved	1.17	0.0200	mg/L	1.00	0.105	106	75-125				
Reference (BD30392-SRM1)								Prepared & Analyzed: 04/08/2013			
Iron - Dissolved	0.483	0.0200	mg/L	0.462		105	87.9-114				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30393 - EPA 3010A											
Blank (BD30393-BLK1)								Prepared & Analyzed: 04/08/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BD30393-DUP1)	*Source sample: 13D0240-01 (WQ040413:11:20NP2-10)							Prepared & Analyzed: 04/08/2013			
Iron	0.413	0.0200	mg/L		0.427				3.38	20	
Matrix Spike (BD30393-MS1)	*Source sample: 13D0240-01 (WQ040413:11:20NP2-10)							Prepared & Analyzed: 04/08/2013			
Iron	1.45	0.0200	mg/L	1.00	0.427	102	75-125				
Reference (BD30393-SRM1)								Prepared & Analyzed: 04/08/2013			
Iron	0.469	0.0200	mg/L	0.462		102	87.9-114				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30292 - % Solids Prep											
Blank (BD30292-BLK1)								Prepared & Analyzed: 04/08/2013			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BD30292-DUP1)	*Source sample: 13D0240-01 (WQ040413:11:20NP2-10)							Prepared & Analyzed: 04/08/2013			
Total Dissolved Solids	106	1.00	mg/L		97.0				8.87	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0238-01	WQ040413:11:00NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0238-02	WQ040413:11:10NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0240-01	WQ040413:11:20NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13D0238

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSA6.

Samples from. CT__ NY X NJ__

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package NP2-10 only, pdf.
NJDEP Red. Deliv.
Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ040413:11:00NP2-6	4-4-13	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW846-6010B)/VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	240mL VOA, 1250mL unpreserved, 1250mL HNO3
WQ040413:11:10NP2-7	4-4-13	GW	↓	↓
WQ040413:11:20NP2-10	4-4-13	GW	Fe by EPA 200.7/Fe, Dissolved by EPA 6010 (SW846-6010B)/VOCs 8260 List (EPA SW846-8260B) plus Freon 113/TOC (SM 2540C)	240mL VOA, 1250mL HNO3, 2 250mL unpres.

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C Frozen HCl MeOH HNO3 H2SO4 NaOH
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time: 4/4/13 1621
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 4-4-13 1622
Samples Received in LAB by — Date/Time:

Temperature on Receipt: 3.4 °C

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 13D0240

YOUR Information	Report To:	Invoice To:
Company: LBG	Company: Same	Company: Same
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:
Phone No. 203-929-8555	Phone No.	Phone No.
Contact Person. Tunde Sandor	Attention:	Attention:
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-400nly, pdf.
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet ___

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
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Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded Ha Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ040413:11:00NP2-6	4-4-13	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	240mL VOA, 1250mL unpreserved, 1250mL HNO3
WQ040413:11:10NP2-7	4-4-13	GW	↓	↓
WQ040413:11:20NP2-10	4-4-13	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540c)	240mL VOA, 1250mL HNO3, 2 250mL unpres.

Comments

Preservation
Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 4/4/13 1621
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time:
Samples Received in LAB by: ace 4-4-13 1622 — Date/Time

Temperature on Receipt: 3.4 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/17/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13D0447

Report Date: 04/17/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13D0447

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 11, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0447-01	WQ040913:1400 NP2-6	Water	04/09/2013	04/11/2013
13D0447-02	WQ040913:1410 NP2-7	Water	04/09/2013	04/11/2013
13D0448-01	WQ040913:1420 NP2-10	Water	04/09/2013	04/11/2013

General Notes for York Project (SDG) No.: 13D0447

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 04/17/2013

Robert Q. Bradley
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ040913:1400 NP2-6 **York Sample ID:** 13D0447-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0447	Rowe Industries	Water	April 9, 2013 2:00 pm	04/11/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
71-55-6	1,1,1-Trichloroethane	**0.55**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS

Sample Information

Client Sample ID: WQ040913:1400 NP2-6 **York Sample ID:** 13D0447-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0447	Rowe Industries	Water	April 9, 2013 2:00 pm	04/11/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-09-2	Methylene chloride	**1.6**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
127-18-4	Tetrachloroethylene	**0.76**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:07	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ040913:1400 NP2-6 **York Sample ID:** 13D0447-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0447	Rowe Industries	Water	April 9, 2013 2:00 pm	04/11/2013

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/15/2013 16:11	04/15/2013 18:11	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.10**	B	mg/L	0.0100	0.0200	1	EPA 200.7	04/15/2013 16:16	04/15/2013 19:33	MW

Sample Information

Client Sample ID: WQ040913:1410 NP2-7 **York Sample ID:** 13D0447-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0447	Rowe Industries	Water	April 9, 2013 2:10 pm	04/11/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS

Sample Information

Client Sample ID: WQ040913:1410 NP2-7 **York Sample ID:** 13D0447-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0447	Rowe Industries	Water	April 9, 2013 2:10 pm	04/11/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-09-2	Methylene chloride	**1.1**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS

Sample Information

Client Sample ID: WQ040913:1410 NP2-7 **York Sample ID:** 13D0447-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0447	Rowe Industries	Water	April 9, 2013 2:10 pm	04/11/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/15/2013 11:38	04/15/2013 23:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*120 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0443**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/15/2013 16:11	04/15/2013 18:16	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.214**	B	mg/L	0.0100	0.0200	1	EPA 200.7	04/15/2013 16:16	04/15/2013 19:38	MW

Sample Information

Client Sample ID: WQ040913:1420 NP2-10 **York Sample ID:** 13D0448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0448	Rowe Industries	Water	April 9, 2013 2:20 pm	04/11/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS

Sample Information

Client Sample ID: WQ040913:1420 NP2-10 **York Sample ID:** 13D0448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0448	Rowe Industries	Water	April 9, 2013 2:20 pm	04/11/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS

Sample Information

Client Sample ID: WQ040913:1420 NP2-10 **York Sample ID:** 13D0448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0448	Rowe Industries	Water	April 9, 2013 2:20 pm	04/11/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-09-2	Methylene chloride	**1.6**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/15/2013 11:38	04/16/2013 12:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.1 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.8 %*	*81.2-127*

Sample Information

Client Sample ID: WQ040913:1420 NP2-10 **York Sample ID:** 13D0448-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0448	Rowe Industries	Water	April 9, 2013 2:20 pm	04/11/2013

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0848**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/15/2013 16:11	04/15/2013 18:21	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.257**	B	mg/L	0.0100	0.0200	1	EPA 200.7	04/15/2013 16:16	04/15/2013 19:43	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**124**		mg/L	1.00	1.00	1	SM 2540C	04/16/2013 08:46	04/16/2013 08:46	ALD

Analytical Batch Summary

Batch ID: BD30699 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13D0448-01	WQ040913:1420 NP2-10	04/16/13
BD30699-BLK1	Blank	04/16/13
BD30699-DUP1	Duplicate	04/16/13

Batch ID: BD30714 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13D0447-01	WQ040913:1400 NP2-6	04/15/13
13D0447-02	WQ040913:1410 NP2-7	04/15/13
BD30714-BLK1	Blank	04/15/13
BD30714-BS1	LCS	04/15/13
BD30714-BSD1	LCS Dup	04/15/13

Batch ID: BD30715 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13D0447-01	WQ040913:1400 NP2-6	04/15/13
13D0447-02	WQ040913:1410 NP2-7	04/15/13
13D0448-01	WQ040913:1420 NP2-10	04/15/13
BD30715-BLK1	Blank	04/15/13
BD30715-DUP1	Duplicate	04/15/13
BD30715-MS1	Matrix Spike	04/15/13
BD30715-SRM1	Reference	04/15/13

Batch ID: BD30717 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13D0447-01	WQ040913:1400 NP2-6	04/15/13
13D0447-02	WQ040913:1410 NP2-7	04/15/13
13D0448-01	WQ040913:1420 NP2-10	04/15/13
BD30717-BLK1	Blank	04/15/13
BD30717-DUP1	Duplicate	04/15/13
BD30717-MS1	Matrix Spike	04/15/13
BD30717-SRM1	Reference	04/15/13

Batch ID: BD30753 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13D0448-01	WQ040913:1420 NP2-10	04/15/13
BD30753-BLK1	Blank	04/16/13
BD30753-BS1	LCS	04/16/13
BD30753-BSD1	LCS Dup	04/16/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30714 - EPA 5030B											
Blank (BD30714-BLK1)									Prepared & Analyzed: 04/15/2013		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	3.9	2.0	"								
Naphthalene	0.89	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30714 - EPA 5030B											
Blank (BD30714-BLK1)								Prepared & Analyzed: 04/15/2013			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.5*		*"*	*10.0*		*115*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BD30714-BS1)								Prepared & Analyzed: 04/15/2013			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82.3-130				
1,1,1-Trichloroethane	9.28		"	10.0		92.8	75.6-137				
1,1,2,2-Tetrachloroethane	11.2		"	10.0		112	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.76		"	10.0		77.6	71.1-129				
1,1,2-Trichloroethane	9.76		"	10.0		97.6	74.5-129				
1,1-Dichloroethane	9.39		"	10.0		93.9	79.6-132				
1,1-Dichloroethylene	7.46		"	10.0		74.6	80.2-146	Low Bias			
1,1-Dichloropropylene	9.06		"	10.0		90.6	75-136				
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136				
1,2,3-Trichloropropane	12.5		"	10.0		125	63-131				
1,2,4-Trichlorobenzene	10.3		"	10.0		103	70.6-136				
1,2,4-Trimethylbenzene	9.21		"	10.0		92.1	75.3-135				
1,2-Dibromo-3-chloropropane	15.9		"	10.0		159	58.9-140	High Bias			
1,2-Dibromoethane	10.0		"	10.0		100	79-130				
1,2-Dichlorobenzene	9.66		"	10.0		96.6	76.1-122				
1,2-Dichloroethane	9.75		"	10.0		97.5	74.6-132				
1,2-Dichloropropane	9.40		"	10.0		94.0	76.9-129				
1,3,5-Trimethylbenzene	9.64		"	10.0		96.4	70.6-127				
1,3-Dichlorobenzene	9.98		"	10.0		99.8	77-124				
1,3-Dichloropropane	9.64		"	10.0		96.4	75.8-126				
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125				
2,2-Dichloropropane	8.30		"	10.0		83.0	69-133				
2-Chlorotoluene	9.29		"	10.0		92.9	66.3-119				
2-Hexanone	10.2		"	10.0		102	70-130				
4-Chlorotoluene	9.52		"	10.0		95.2	69.2-127				
Acetone	9.27		"	10.0		92.7	70-130				
Benzene	9.43		"	10.0		94.3	76.2-129				
Bromobenzene	9.86		"	10.0		98.6	71.3-123				
Bromochloromethane	9.36		"	10.0		93.6	70.8-137				
Bromodichloromethane	10.0		"	10.0		100	79.7-134				
Bromoform	10.6		"	10.0		106	70.5-141				
Bromomethane	8.36		"	10.0		83.6	43.9-147				
Carbon tetrachloride	9.15		"	10.0		91.5	78.1-138				
Chlorobenzene	9.83		"	10.0		98.3	80.4-125				
Chloroethane	7.94		"	10.0		79.4	55.8-140				
Chloroform	9.86		"	10.0		98.6	76.6-133				
Chloromethane	6.60		"	10.0		66.0	48.8-115				
cis-1,2-Dichloroethylene	9.40		"	10.0		94.0	75.1-128				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30714 - EPA 5030B											
LCS (BD30714-BS1)								Prepared & Analyzed: 04/15/2013			
Dibromochloromethane	10.4		ug/L	10.0		104	79.8-134				
Dibromomethane	9.70		"	10.0		97.0	79-130				
Dichlorodifluoromethane	3.18		"	10.0		31.8	47.1-101	Low Bias			
Ethyl Benzene	9.53		"	10.0		95.3	80.8-128				
Hexachlorobutadiene	10.7		"	10.0		107	64.8-128				
Isopropylbenzene	9.54		"	10.0		95.4	75.5-135				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	65.1-140				
Methylene chloride	10.2		"	10.0		102	61.3-120				
Naphthalene	11.4		"	10.0		114	62.3-148				
n-Butylbenzene	9.42		"	10.0		94.2	67.2-123				
n-Propylbenzene	9.53		"	10.0		95.3	70.5-127				
o-Xylene	9.14		"	10.0		91.4	75.9-122				
p- & m- Xylenes	18.9		"	20.0		94.6	77.7-127				
p-Isopropyltoluene	9.83		"	10.0		98.3	75.6-129				
sec-Butylbenzene	9.66		"	10.0		96.6	71.5-125				
Styrene	10.1		"	10.0		101	77.8-123				
tert-Butylbenzene	9.09		"	10.0		90.9	75.9-151				
Tetrachloroethylene	9.54		"	10.0		95.4	63.6-167				
Toluene	9.20		"	10.0		92.0	77-123				
trans-1,2-Dichloroethylene	8.11		"	10.0		81.1	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.12		"	10.0		91.2	77.9-130				
Trichlorofluoromethane	8.25		"	10.0		82.5	57.4-133				
Vinyl Chloride	6.67		"	10.0		66.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30714 - EPA 5030B											
LCS Dup (BD30714-BSD1)								Prepared & Analyzed: 04/15/2013			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		1.31	21.1	
1,1,1-Trichloroethane	9.48		"	10.0		94.8	75.6-137		2.13	19.7	
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	71.3-131		1.68	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.98		"	10.0		79.8	71.1-129		2.80	21.7	
1,1,2-Trichloroethane	9.76		"	10.0		97.6	74.5-129		0.00	20.3	
1,1-Dichloroethane	9.53		"	10.0		95.3	79.6-132		1.48	20.6	
1,1-Dichloroethylene	7.58		"	10.0		75.8	80.2-146	Low Bias	1.60	20	
1,1-Dichloropropylene	8.75		"	10.0		87.5	75-136		3.48	19.3	
1,2,3-Trichlorobenzene	11.9		"	10.0		119	66.1-136		0.505	21.6	
1,2,3-Trichloropropane	13.2		"	10.0		132	63-131	High Bias	5.15	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		5.13	21.7	
1,2,4-Trimethylbenzene	9.24		"	10.0		92.4	75.3-135		0.325	18.8	
1,2-Dibromo-3-chloropropane	14.6		"	10.0		146	58.9-140	High Bias	8.50	27.7	
1,2-Dibromoethane	9.85		"	10.0		98.5	79-130		1.51	23	
1,2-Dichlorobenzene	9.64		"	10.0		96.4	76.1-122		0.207	19.8	
1,2-Dichloroethane	9.95		"	10.0		99.5	74.6-132		2.03	20.2	
1,2-Dichloropropane	9.74		"	10.0		97.4	76.9-129		3.55	20.7	
1,3,5-Trimethylbenzene	9.26		"	10.0		92.6	70.6-127		4.02	18.9	
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124		1.10	19.2	
1,3-Dichloropropane	9.80		"	10.0		98.0	75.8-126		1.65	22.1	
1,4-Dichlorobenzene	9.67		"	10.0		96.7	76.6-125		3.36	18.6	
2,2-Dichloropropane	8.28		"	10.0		82.8	69-133		0.241	19.8	
2-Chlorotoluene	9.25		"	10.0		92.5	66.3-119		0.432	21.6	
2-Hexanone	10.9		"	10.0		109	70-130		6.65	30	
4-Chlorotoluene	9.10		"	10.0		91.0	69.2-127		4.51	19	
Acetone	9.54		"	10.0		95.4	70-130		2.87	30	
Benzene	9.46		"	10.0		94.6	76.2-129		0.318	19	
Bromobenzene	9.82		"	10.0		98.2	71.3-123		0.407	20.3	
Bromochloromethane	9.75		"	10.0		97.5	70.8-137		4.08	23.9	
Bromodichloromethane	9.74		"	10.0		97.4	79.7-134		3.03	21	
Bromoform	10.9		"	10.0		109	70.5-141		3.44	21.8	
Bromomethane	8.41		"	10.0		84.1	43.9-147		0.596	28.4	
Carbon tetrachloride	9.62		"	10.0		96.2	78.1-138		5.01	20.1	
Chlorobenzene	9.50		"	10.0		95.0	80.4-125		3.41	19.9	
Chloroethane	7.86		"	10.0		78.6	55.8-140		1.01	23.3	
Chloroform	9.57		"	10.0		95.7	76.6-133		2.99	20.3	
Chloromethane	6.95		"	10.0		69.5	48.8-115		5.17	24.5	
cis-1,2-Dichloroethylene	9.28		"	10.0		92.8	75.1-128		1.28	20.5	
cis-1,3-Dichloropropylene	9.86		"	10.0		98.6	74.5-128		2.31	19.9	
Dibromochloromethane	10.4		"	10.0		104	79.8-134		0.385	21.3	
Dibromomethane	10.4		"	10.0		104	79-130		7.44	22.4	
Dichlorodifluoromethane	3.05		"	10.0		30.5	47.1-101	Low Bias	4.17	23.9	
Ethyl Benzene	9.36		"	10.0		93.6	80.8-128		1.80	19.2	
Hexachlorobutadiene	11.5		"	10.0		115	64.8-128		7.30	20.6	
Isopropylbenzene	9.32		"	10.0		93.2	75.5-135		2.33	20	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	65.1-140		2.86	23.6	
Methylene chloride	10.2		"	10.0		102	61.3-120		0.197	20.4	
Naphthalene	11.9		"	10.0		119	62.3-148		3.86	27.1	
n-Butylbenzene	9.25		"	10.0		92.5	67.2-123		1.82	19.1	
n-Propylbenzene	9.25		"	10.0		92.5	70.5-127		2.98	23.4	
o-Xylene	9.23		"	10.0		92.3	75.9-122		0.980	19.3	
p- & m- Xylenes	18.6		"	20.0		93.2	77.7-127		1.49	18.6	
p-Isopropyltoluene	9.45		"	10.0		94.5	75.6-129		3.94	19.1	
sec-Butylbenzene	9.54		"	10.0		95.4	71.5-125		1.25	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30714 - EPA 5030B											
LCS Dup (BD30714-BSD1)								Prepared & Analyzed: 04/15/2013			
Styrene	9.65		ug/L	10.0		96.5	77.8-123		4.36	20.9	
tert-Butylbenzene	8.95		"	10.0		89.5	75.9-151		1.55	20.9	
Tetrachloroethylene	9.15		"	10.0		91.5	63.6-167		4.17	27.7	
Toluene	8.93		"	10.0		89.3	77-123		2.98	18.7	
trans-1,2-Dichloroethylene	8.23		"	10.0		82.3	76.3-139		1.47	19.5	
trans-1,3-Dichloropropylene	9.77		"	10.0		97.7	72.5-137		4.21	19.3	
Trichloroethylene	8.76		"	10.0		87.6	77.9-130		4.03	20.5	
Trichlorofluoromethane	8.33		"	10.0		83.3	57.4-133		0.965	21.4	
Vinyl Chloride	6.92		"	10.0		69.2	54.9-124		3.68	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*63.5-145*				
Surrogate: Toluene-d8	*9.67*		*"*	*10.0*		*96.7*	*81.2-127*				
Batch BD30753 - EPA 5030B											
Blank (BD30753-BLK1)								Prepared & Analyzed: 04/16/2013			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30753 - EPA 5030B											
Blank (BD30753-BLK1)									Prepared & Analyzed: 04/16/2013		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.2	2.0	"								
Naphthalene	1.2	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.83*		*"*	*10.0*		*98.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.5*		*"*	*10.0*		*125*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30753 - EPA 5030B											
LCS (BD30753-BS1)							Prepared & Analyzed: 04/16/2013				
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130				
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137				
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	71.1-129				
1,1,2-Trichloroethane	10.6		"	10.0		106	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146				
1,1-Dichloropropylene	9.94		"	10.0		99.4	75-136				
1,2,3-Trichlorobenzene	11.8		"	10.0		118	66.1-136				
1,2,3-Trichloropropane	14.2		"	10.0		142	63-131	High Bias			
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70.6-136				
1,2,4-Trimethylbenzene	9.61		"	10.0		96.1	75.3-135				
1,2-Dibromo-3-chloropropane	16.5		"	10.0		165	58.9-140	High Bias			
1,2-Dibromoethane	10.7		"	10.0		107	79-130				
1,2-Dichlorobenzene	10.0		"	10.0		100	76.1-122				
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132				
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	70.6-127				
1,3-Dichlorobenzene	10.5		"	10.0		105	77-124				
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126				
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125				
2,2-Dichloropropane	10.6		"	10.0		106	69-133				
2-Chlorotoluene	9.42		"	10.0		94.2	66.3-119				
2-Hexanone	11.4		"	10.0		114	70-130				
4-Chlorotoluene	9.84		"	10.0		98.4	69.2-127				
Acetone	11.1		"	10.0		111	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	10.6		"	10.0		106	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	10.9		"	10.0		109	70.5-141				
Bromomethane	11.2		"	10.0		112	43.9-147				
Carbon tetrachloride	10.5		"	10.0		105	78.1-138				
Chlorobenzene	10.3		"	10.0		103	80.4-125				
Chloroethane	9.80		"	10.0		98.0	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	9.95		"	10.0		99.5	48.8-115				
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	74.5-128				
Dibromochloromethane	10.9		"	10.0		109	79.8-134				
Dibromomethane	10.6		"	10.0		106	79-130				
Dichlorodifluoromethane	8.18		"	10.0		81.8	47.1-101				
Ethyl Benzene	10.3		"	10.0		103	80.8-128				
Hexachlorobutadiene	11.5		"	10.0		115	64.8-128				
Isopropylbenzene	9.61		"	10.0		96.1	75.5-135				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140				
Methylene chloride	8.29		"	10.0		82.9	61.3-120				
Naphthalene	12.2		"	10.0		122	62.3-148				
n-Butylbenzene	9.70		"	10.0		97.0	67.2-123				
n-Propylbenzene	9.62		"	10.0		96.2	70.5-127				
o-Xylene	9.73		"	10.0		97.3	75.9-122				
p- & m- Xylenes	19.9		"	20.0		99.6	77.7-127				
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129				
sec-Butylbenzene	9.87		"	10.0		98.7	71.5-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30753 - EPA 5030B											
LCS (BD30753-BS1)								Prepared & Analyzed: 04/16/2013			
Styrene	10.6		ug/L	10.0		106	77.8-123				
tert-Butylbenzene	9.30		"	10.0		93.0	75.9-151				
Tetrachloroethylene	9.68		"	10.0		96.8	63.6-167				
Toluene	9.87		"	10.0		98.7	77-123				
trans-1,2-Dichloroethylene	9.86		"	10.0		98.6	76.3-139				
trans-1,3-Dichloropropylene	10.8		"	10.0		108	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	9.87		"	10.0		98.7	57.4-133				
Vinyl Chloride	9.61		"	10.0		96.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*63.5-145*				
Surrogate: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81.2-127*				
LCS Dup (BD30753-BSD1)								Prepared & Analyzed: 04/16/2013			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		5.71	21.1	
1,1,1-Trichloroethane	9.58		"	10.0		95.8	75.6-137		7.92	19.7	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	71.3-131		2.97	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.1		"	10.0		101	71.1-129		4.18	21.7	
1,1,2-Trichloroethane	9.68		"	10.0		96.8	74.5-129		8.88	20.3	
1,1-Dichloroethane	9.78		"	10.0		97.8	79.6-132		8.89	20.6	
1,1-Dichloroethylene	9.52		"	10.0		95.2	80.2-146		6.99	20	
1,1-Dichloropropylene	9.36		"	10.0		93.6	75-136		6.01	19.3	
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136		4.86	21.6	
1,2,3-Trichloropropane	12.5		"	10.0		125	63-131		12.8	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		3.64	21.7	
1,2,4-Trimethylbenzene	9.50		"	10.0		95.0	75.3-135		1.15	18.8	
1,2-Dibromo-3-chloropropane	14.2		"	10.0		142	58.9-140	High Bias	14.5	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		0.0935	23	
1,2-Dichlorobenzene	9.54		"	10.0		95.4	76.1-122		5.01	19.8	
1,2-Dichloroethane	9.85		"	10.0		98.5	74.6-132		8.18	20.2	
1,2-Dichloropropane	10.2		"	10.0		102	76.9-129		1.49	20.7	
1,3,5-Trimethylbenzene	9.78		"	10.0		97.8	70.6-127		2.42	18.9	
1,3-Dichlorobenzene	10.2		"	10.0		102	77-124		3.00	19.2	
1,3-Dichloropropane	9.97		"	10.0		99.7	75.8-126		2.38	22.1	
1,4-Dichlorobenzene	9.89		"	10.0		98.9	76.6-125		2.89	18.6	
2,2-Dichloropropane	9.67		"	10.0		96.7	69-133		8.80	19.8	
2-Chlorotoluene	9.42		"	10.0		94.2	66.3-119		0.00	21.6	
2-Hexanone	10.7		"	10.0		107	70-130		6.53	30	
4-Chlorotoluene	9.86		"	10.0		98.6	69.2-127		0.203	19	
Acetone	10.0		"	10.0		100	70-130		9.57	30	
Benzene	9.68		"	10.0		96.8	76.2-129		8.32	19	
Bromobenzene	9.95		"	10.0		99.5	71.3-123		6.42	20.3	
Bromochloromethane	9.59		"	10.0		95.9	70.8-137		8.58	23.9	
Bromodichloromethane	10.0		"	10.0		100	79.7-134		4.48	21	
Bromoform	10.6		"	10.0		106	70.5-141		3.44	21.8	
Bromomethane	9.81		"	10.0		98.1	43.9-147		13.3	28.4	
Carbon tetrachloride	9.82		"	10.0		98.2	78.1-138		6.98	20.1	
Chlorobenzene	9.83		"	10.0		98.3	80.4-125		4.38	19.9	
Chloroethane	9.04		"	10.0		90.4	55.8-140		8.07	23.3	
Chloroform	9.74		"	10.0		97.4	76.6-133		9.21	20.3	
Chloromethane	9.44		"	10.0		94.4	48.8-115		5.26	24.5	
cis-1,2-Dichloroethylene	9.54		"	10.0		95.4	75.1-128		8.24	20.5	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	74.5-128		0.835	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		5.57	21.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30753 - EPA 5030B											
LCS Dup (BD30753-BSD1)							Prepared & Analyzed: 04/16/2013				
Dibromomethane	10.6		ug/L	10.0		106	79-130		0.471	22.4	
Dichlorodifluoromethane	7.32		"	10.0		73.2	47.1-101		11.1	23.9	
Ethyl Benzene	9.96		"	10.0		99.6	80.8-128		3.06	19.2	
Hexachlorobutadiene	11.2		"	10.0		112	64.8-128		2.29	20.6	
Isopropylbenzene	9.68		"	10.0		96.8	75.5-135		0.726	20	
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140		10.9	23.6	
Methylene chloride	7.53		"	10.0		75.3	61.3-120		9.61	20.4	
Naphthalene	11.5		"	10.0		115	62.3-148		6.25	27.1	
n-Butylbenzene	9.61		"	10.0		96.1	67.2-123		0.932	19.1	
n-Propylbenzene	9.65		"	10.0		96.5	70.5-127		0.311	23.4	
o-Xylene	9.52		"	10.0		95.2	75.9-122		2.18	19.3	
p- & m- Xylenes	19.9		"	20.0		99.7	77.7-127		0.0502	18.6	
p-Isopropyltoluene	9.77		"	10.0		97.7	75.6-129		3.12	19.1	
sec-Butylbenzene	9.78		"	10.0		97.8	71.5-125		0.916	18.9	
Styrene	10.2		"	10.0		102	77.8-123		4.03	20.9	
tert-Butylbenzene	9.61		"	10.0		96.1	75.9-151		3.28	20.9	
Tetrachloroethylene	9.84		"	10.0		98.4	63.6-167		1.64	27.7	
Toluene	9.87		"	10.0		98.7	77-123		0.00	18.7	
trans-1,2-Dichloroethylene	9.31		"	10.0		93.1	76.3-139		5.74	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		5.54	19.3	
Trichloroethylene	9.61		"	10.0		96.1	77.9-130		4.08	20.5	
Trichlorofluoromethane	9.22		"	10.0		92.2	57.4-133		6.81	21.4	
Vinyl Chloride	8.79		"	10.0		87.9	54.9-124		8.91	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.31*		*"*	*10.0*		*93.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30715 - EPA 3010A											
Blank (BD30715-BLK1)								Prepared & Analyzed: 04/15/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BD30715-DUP1)	*Source sample: 13D0448-01 (WQ040913:1420 NP2-10)							Prepared & Analyzed: 04/15/2013			
Iron - Dissolved	0.0919	0.0200	mg/L		0.0848				8.07	20	
Matrix Spike (BD30715-MS1)	*Source sample: 13D0448-01 (WQ040913:1420 NP2-10)							Prepared & Analyzed: 04/15/2013			
Iron - Dissolved	1.11	0.0200	mg/L	1.00	0.0848	103	75-125				
Reference (BD30715-SRM1)								Prepared & Analyzed: 04/15/2013			
Iron - Dissolved	0.459	0.0200	mg/L	0.462		99.4	87.9-114				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30717 - EPA 3010A											
Blank (BD30717-BLK1)								Prepared & Analyzed: 04/15/2013			
Iron	0.0210	0.0200	mg/L								
Duplicate (BD30717-DUP1)	*Source sample: 13D0448-01 (WQ040913:1420 NP2-10)							Prepared & Analyzed: 04/15/2013			
Iron	0.253	0.0200	mg/L		0.257				1.63	20	
Matrix Spike (BD30717-MS1)	*Source sample: 13D0448-01 (WQ040913:1420 NP2-10)							Prepared & Analyzed: 04/15/2013			
Iron	1.27	0.0200	mg/L	1.00	0.257	102	75-125				
Reference (BD30717-SRM1)								Prepared & Analyzed: 04/15/2013			
Iron	0.433	0.0200	mg/L	0.462		93.8	87.9-114				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD30699 - % Solids Prep											
Blank (BD30699-BLK1)								Prepared & Analyzed: 04/16/2013			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BD30699-DUP1)	*Source sample: 13D0448-01 (WQ040913:1420 NP2-10)							Prepared & Analyzed: 04/16/2013			
Total Dissolved Solids	112	1.00	mg/L		124				10.2	15	

YORK
ANALYTICAL LABORATORIES, INC.

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0447-01	WQ040913:1400 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0447-02	WQ040913:1410 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0448-01	WQ040913:1420 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

VOA-CO	The result reported is most likely due to carryover from a previous sample run in the batch. Data user should take note.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13D0447

YOUR Information
Company: LBG
Address: 4 Research Dr. Suite 301, Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries

Purchase Order No.
NABSAG

Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package NP2-10 only, PDF
NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met(CN)	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Discharge Limits	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ040913:1400 NP2-6	4/9/13 1400	GW	Fe by EPA 200.7/ Fe, Dissolved by EPA 6010(SW846-6010B)/ VOCs, 8260 list (EPA SW846-8260B) plus Freon 113	2V 2P
WQ040913:1410 NP2-7	4/9/13 1410	GW	↓	2V 2P
WQ040913:1420 NP2-10	4/9/13 1420	GW	Fe by EPA 200.7/ Fe, Dissolved by EPA 6010(SW846-6010B)/ VOCs/ 8260 List (EPA SW846-8260B) plus Freon 113/ TDS(SM2540C)	2V 3P

Comments

Preservation Check those Applicable: 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 4/9/13 1830
Samples Relinquished By — Date/Time: 4/11 14:04

Samples Received By: LBG Fridge (EF) — Date/Time: 4/9/13 1830
Samples Received in LAB by: P Grace 4-11-13 — Date/Time: 1610

Temperature on Receipt: 3.8 °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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York Project No. 13D0448

YOUR Information
Company: LBG
Address: 4 Research Dr. Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries

Purchase Order No.
NABSAG

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package NP2-10 only, pdf.
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Evan Foster
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded (No Dioxins/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ040913:1400 NP2-6	4/9/13 1400	GW	Fe by EPA 200.7/ Fe, Dissolved by EPA 6010(SW846-6010B)/ VOCs, 8260 list (EPA SW846-8260B) plus Freon 113	2V 2P
WQ040913:1410 NP2-7	4/9/13 1410	GW	↓	2V 2P
WQ040913:1420 NP2-10	4/9/13 1420	GW	Fe by EPA 200.7/ Fe, Dissolved by EPA 6010 (SW846-6010B)/ VOCs, 8260 List (EPA SW846-8260B) plus Freon 113/ TDS (SM2540C)	2V 3P

Comments

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — 4/9/13 1830 Date/Time
Samples Relinquished By — Date/Time

LBG Fridge (EF) — 4/11 14:04
Samples Received By — 4/9/13 1830 Date/Time
P Grace 4-11-13 — 1610
Samples Received in LAB by — Date/Time

Temperature on Receipt 3.8 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/24/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13D0722

Report Date: 04/24/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13D0722

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 19, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0722-01	WQ041613:1120NP2-6	Water	04/16/2013	04/19/2013
13D0722-02	WQ041613:1125NP2-7	Water	04/16/2013	04/19/2013
13D0724-01	WQ041613:1130NP2-10	Water	04/16/2013	04/22/2013

General Notes for York Project (SDG) No.: 13D0722

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 04/24/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ041613:1120NP2-6 **York Sample ID:** 13D0722-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0722	Rowe Industries	Water	April 16, 2013 11:20 am	04/19/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
71-55-6	1,1,1-Trichloroethane	**0.28**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-25-2	Bromoform	**1.5**		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS

Sample Information

Client Sample ID: WQ041613:1120NP2-6 **York Sample ID:** 13D0722-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0722	Rowe Industries	Water	April 16, 2013 11:20 am	04/19/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
156-59-2	cis-1,2-Dichloroethylene	**0.11**	J	ug/L	0.069	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-09-2	Methylene chloride	**0.33**	J	ug/L	0.26	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
127-18-4	Tetrachloroethylene	**0.91**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 15:45	SS

Sample Information

Client Sample ID: WQ041613:1120NP2-6 **York Sample ID:** 13D0722-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0722	Rowe Industries	Water	April 16, 2013 11:20 am	04/19/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*122 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*102 %*		*81.2-127*							

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/23/2013 17:00	04/23/2013 18:56	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.906**		mg/L	0.0100	0.0200	1	EPA 200.7	04/23/2013 17:03	04/23/2013 19:53	MW

Sample Information

Client Sample ID: WQ041613:1125NP2-7 **York Sample ID:** 13D0722-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0722	Rowe Industries	Water	April 16, 2013 11:25 am	04/19/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS

Sample Information

Client Sample ID: WQ041613:1125NP2-7 **York Sample ID:** 13D0722-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0722	Rowe Industries	Water	April 16, 2013 11:25 am	04/19/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS

Sample Information

Client Sample ID: WQ041613:1125NP2-7 **York Sample ID:** 13D0722-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0722	Rowe Industries	Water	April 16, 2013 11:25 am	04/19/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-09-2	Methylene chloride	**0.26**	J	ug/L	0.26	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 16:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*118 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.2 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/23/2013 17:00	04/23/2013 19:01	MW

Sample Information

Client Sample ID: WQ041613:1125NP2-7 **York Sample ID:** 13D0722-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0722	Rowe Industries	Water	April 16, 2013 11:25 am	04/19/2013

Iron by EPA 200.7 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.18**		mg/L	0.0100	0.0200	1	EPA 200.7	04/23/2013 17:03	04/23/2013 19:58	MW

Sample Information

Client Sample ID: WQ041613:1130NP2-10 **York Sample ID:** 13D0724-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0724	Rowe Industries	Water	April 16, 2013 11:30 am	04/22/2013

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS

Sample Information

Client Sample ID: WQ041613:1130NP2-10 **York Sample ID:** 13D0724-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0724	Rowe Industries	Water	April 16, 2013 11:30 am	04/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-09-2	Methylene chloride	ND		ug/L	0.26	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS

Sample Information

Client Sample ID: WQ041613:1130NP2-10 **York Sample ID:** 13D0724-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0724	Rowe Industries	Water	April 16, 2013 11:30 am	04/22/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/23/2013 10:01	04/23/2013 17:32	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*127 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0287**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/23/2013 17:00	04/23/2013 19:06	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**14.8**		mg/L	0.0100	0.0200	1	EPA 200.7	04/23/2013 17:03	04/23/2013 20:03	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**126**		mg/L	1.00	1.00	1	SM 2540C	04/23/2013 09:56	04/24/2013 09:56	ALD

Analytical Batch Summary

Batch ID: BD31067 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
13D0722-01	WQ041613:1120NP2-6	04/23/13
13D0722-02	WQ041613:1125NP2-7	04/23/13
13D0724-01	WQ041613:1130NP2-10	04/23/13
BD31067-BLK1	Blank	04/23/13
BD31067-BS1	LCS	04/23/13
BD31067-BSD1	LCS Dup	04/23/13

Batch ID: BD31096 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13D0724-01	WQ041613:1130NP2-10	04/23/13
BD31096-BLK1	Blank	04/23/13
BD31096-DUP1	Duplicate	04/23/13

Batch ID: BD31111 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13D0722-01	WQ041613:1120NP2-6	04/23/13
13D0722-02	WQ041613:1125NP2-7	04/23/13
13D0724-01	WQ041613:1130NP2-10	04/23/13
BD31111-BLK1	Blank	04/23/13
BD31111-DUP1	Duplicate	04/23/13
BD31111-MS1	Matrix Spike	04/23/13
BD31111-SRM1	Reference	04/23/13

Batch ID: BD31112 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13D0722-01	WQ041613:1120NP2-6	04/23/13
13D0722-02	WQ041613:1125NP2-7	04/23/13
13D0724-01	WQ041613:1130NP2-10	04/23/13
BD31112-BLK1	Blank	04/23/13
BD31112-DUP1	Duplicate	04/23/13
BD31112-MS1	Matrix Spike	04/23/13
BD31112-SRM1	Reference	04/23/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31067 - EPA 5030B											
Blank (BD31067-BLK1)									Prepared & Analyzed: 04/23/2013		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31067 - EPA 5030B											
Blank (BD31067-BLK1)								Prepared & Analyzed: 04/23/2013			
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.4*		*"*	*10.0*		*124*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				
LCS (BD31067-BS1)								Prepared & Analyzed: 04/23/2013			
1,1,1,2-Tetrachloroethane	10.7		ug/L	10.0		107	82.3-130				
1,1,1-Trichloroethane	9.41		"	10.0		94.1	75.6-137				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.83		"	10.0		88.3	71.1-129				
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129				
1,1-Dichloroethane	9.64		"	10.0		96.4	79.6-132				
1,1-Dichloroethylene	8.49		"	10.0		84.9	80.2-146				
1,1-Dichloropropylene	9.11		"	10.0		91.1	75-136				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	66.1-136				
1,2,3-Trichloropropane	12.8		"	10.0		128	63-131				
1,2,4-Trichlorobenzene	10.5		"	10.0		105	70.6-136				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	75.3-135				
1,2-Dibromo-3-chloropropane	14.8		"	10.0		148	58.9-140	High Bias			
1,2-Dibromoethane	11.4		"	10.0		114	79-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122				
1,2-Dichloroethane	9.94		"	10.0		99.4	74.6-132				
1,2-Dichloropropane	10.0		"	10.0		100	76.9-129				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70.6-127				
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124				
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	9.82		"	10.0		98.2	69-133				
2-Chlorotoluene	10.1		"	10.0		101	66.3-119				
2-Hexanone	10.7		"	10.0		107	70-130				
4-Chlorotoluene	10.8		"	10.0		108	69.2-127				
Acetone	7.11		"	10.0		71.1	70-130				
Benzene	9.75		"	10.0		97.5	76.2-129				
Bromobenzene	10.7		"	10.0		107	71.3-123				
Bromochloromethane	10.3		"	10.0		103	70.8-137				
Bromodichloromethane	10.9		"	10.0		109	79.7-134				
Bromoform	11.4		"	10.0		114	70.5-141				
Bromomethane	6.31		"	10.0		63.1	43.9-147				
Carbon tetrachloride	9.88		"	10.0		98.8	78.1-138				
Chlorobenzene	9.85		"	10.0		98.5	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31067 - EPA 5030B											
LCS (BD31067-BS1)								Prepared & Analyzed: 04/23/2013			
Chloroethane	7.52		ug/L	10.0		75.2	55.8-140				
Chloroform	10.1		"	10.0		101	76.6-133				
Chloromethane	5.18		"	10.0		51.8	48.8-115				
cis-1,2-Dichloroethylene	9.62		"	10.0		96.2	75.1-128				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128				
Dibromochloromethane	11.2		"	10.0		112	79.8-134				
Dibromomethane	11.8		"	10.0		118	79-130				
Dichlorodifluoromethane	2.51		"	10.0		25.1	47.1-101	Low Bias			
Ethyl Benzene	10.1		"	10.0		101	80.8-128				
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128				
Isopropylbenzene	10.3		"	10.0		103	75.5-135				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140				
Methylene chloride	9.65		"	10.0		96.5	61.3-120				
Naphthalene	10.8		"	10.0		108	62.3-148				
n-Butylbenzene	10.4		"	10.0		104	67.2-123				
n-Propylbenzene	10.1		"	10.0		101	70.5-127				
o-Xylene	9.70		"	10.0		97.0	75.9-122				
p- & m- Xylenes	20.1		"	20.0		100	77.7-127				
p-Isopropyltoluene	10.5		"	10.0		105	75.6-129				
sec-Butylbenzene	10.7		"	10.0		107	71.5-125				
Styrene	10.7		"	10.0		107	77.8-123				
tert-Butylbenzene	10.8		"	10.0		108	75.9-151				
Tetrachloroethylene	9.75		"	10.0		97.5	63.6-167				
Toluene	9.66		"	10.0		96.6	77-123				
trans-1,2-Dichloroethylene	9.00		"	10.0		90.0	76.3-139				
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137				
Trichloroethylene	9.76		"	10.0		97.6	77.9-130				
Trichlorofluoromethane	7.71		"	10.0		77.1	57.4-133				
Vinyl Chloride	6.14		"	10.0		61.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BD31067 - EPA 5030B

LCS Dup (BD31067-BSD1) Prepared & Analyzed: 04/23/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	11.2		ug/L	10.0		112	82.3-130		5.11	21.1	
1,1,1-Trichloroethane	9.60		"	10.0		96.0	75.6-137		2.00	19.7	
1,1,2,2-Tetrachloroethane	11.3		"	10.0		113	71.3-131		2.59	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.36		"	10.0		83.6	71.1-129		5.47	21.7	
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129		2.27	20.3	
1,1-Dichloroethane	9.31		"	10.0		93.1	79.6-132		3.48	20.6	
1,1-Dichloroethylene	8.29		"	10.0		82.9	80.2-146		2.38	20	
1,1-Dichloropropylene	8.86		"	10.0		88.6	75-136		2.78	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		9.55	21.6	
1,2,3-Trichloropropane	12.9		"	10.0		129	63-131		0.545	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		1.25	21.7	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135		0.186	18.8	
1,2-Dibromo-3-chloropropane	14.6		"	10.0		146	58.9-140	High Bias	1.63	27.7	
1,2-Dibromoethane	10.5		"	10.0		105	79-130		8.50	23	
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122		0.672	19.8	
1,2-Dichloroethane	9.27		"	10.0		92.7	74.6-132		6.98	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		3.24	20.7	
1,3,5-Trimethylbenzene	10.8		"	10.0		108	70.6-127		1.65	18.9	
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124		0.193	19.2	
1,3-Dichloropropane	9.97		"	10.0		99.7	75.8-126		3.93	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		1.35	18.6	
2,2-Dichloropropane	9.41		"	10.0		94.1	69-133		4.26	19.8	
2-Chlorotoluene	10.0		"	10.0		100	66.3-119		0.496	21.6	
2-Hexanone	10.5		"	10.0		105	70-130		1.70	30	
4-Chlorotoluene	11.0		"	10.0		110	69.2-127		1.56	19	
Acetone	6.52		"	10.0		65.2	70-130	Low Bias	8.66	30	
Benzene	9.12		"	10.0		91.2	76.2-129		6.68	19	
Bromobenzene	10.7		"	10.0		107	71.3-123		0.281	20.3	
Bromochloromethane	9.49		"	10.0		94.9	70.8-137		8.19	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		2.81	21	
Bromoform	12.0		"	10.0		120	70.5-141		4.36	21.8	
Bromomethane	6.15		"	10.0		61.5	43.9-147		2.57	28.4	
Carbon tetrachloride	9.17		"	10.0		91.7	78.1-138		7.45	20.1	
Chlorobenzene	9.90		"	10.0		99.0	80.4-125		0.506	19.9	
Chloroethane	7.40		"	10.0		74.0	55.8-140		1.61	23.3	
Chloroform	9.29		"	10.0		92.9	76.6-133		8.26	20.3	
Chloromethane	4.82		"	10.0		48.2	48.8-115	Low Bias	7.20	24.5	
cis-1,2-Dichloroethylene	9.16		"	10.0		91.6	75.1-128		4.90	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		1.55	19.9	
Dibromochloromethane	11.2		"	10.0		112	79.8-134		0.0889	21.3	
Dibromomethane	11.5		"	10.0		115	79-130		2.58	22.4	
Dichlorodifluoromethane	2.37		"	10.0		23.7	47.1-101	Low Bias	5.74	23.9	
Ethyl Benzene	10.2		"	10.0		102	80.8-128		1.28	19.2	
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128		1.07	20.6	
Isopropylbenzene	10.8		"	10.0		108	75.5-135		4.65	20	
Methyl tert-butyl ether (MTBE)	9.32		"	10.0		93.2	65.1-140		7.14	23.6	
Methylene chloride	8.89		"	10.0		88.9	61.3-120		8.20	20.4	
Naphthalene	10.1		"	10.0		101	62.3-148		6.90	27.1	
n-Butylbenzene	10.5		"	10.0		105	67.2-123		0.383	19.1	
n-Propylbenzene	10.6		"	10.0		106	70.5-127		4.84	23.4	
o-Xylene	9.91		"	10.0		99.1	75.9-122		2.14	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31067 - EPA 5030B											
LCS Dup (BD31067-BSD1)								Prepared & Analyzed: 04/23/2013			
p- & m- Xylenes	20.3		ug/L	20.0		101	77.7-127		0.991	18.6	
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129		2.71	19.1	
sec-Butylbenzene	10.7		"	10.0		107	71.5-125		0.467	18.9	
Styrene	10.7		"	10.0		107	77.8-123		0.467	20.9	
tert-Butylbenzene	11.2		"	10.0		112	75.9-151		3.00	20.9	
Tetrachloroethylene	10.2		"	10.0		102	63.6-167		5.00	27.7	
Toluene	9.86		"	10.0		98.6	77-123		2.05	18.7	
trans-1,2-Dichloroethylene	8.68		"	10.0		86.8	76.3-139		3.62	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.491	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		3.42	20.5	
Trichlorofluoromethane	7.53		"	10.0		75.3	57.4-133		2.36	21.4	
Vinyl Chloride	5.87		"	10.0		58.7	54.9-124		4.50	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.29*		*"*	*10.0*		*92.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31111 - EPA 3010A											
Blank (BD31111-BLK1)								Prepared & Analyzed: 04/23/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BD31111-DUP1)	*Source sample: 13D0724-01 (WQ041613:1130NP2-10)							Prepared & Analyzed: 04/23/2013			
Iron - Dissolved	0.0299	0.0200	mg/L		0.0287				4.11	20	
Matrix Spike (BD31111-MS1)	*Source sample: 13D0724-01 (WQ041613:1130NP2-10)							Prepared & Analyzed: 04/23/2013			
Iron - Dissolved	1.09	0.0200	mg/L	1.00	0.0287	106	75-125				
Reference (BD31111-SRM1)								Prepared & Analyzed: 04/23/2013			
Iron - Dissolved	0.482	0.0200	mg/L	0.462		104	87.9-114				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31112 - EPA 3010A											
Blank (BD31112-BLK1)								Prepared & Analyzed: 04/23/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BD31112-DUP1)	*Source sample: 13D0724-01 (WQ041613:1130NP2-10)							Prepared & Analyzed: 04/23/2013			
Iron	14.6	0.0200	mg/L		14.8				1.16	20	
Matrix Spike (BD31112-MS1)	*Source sample: 13D0724-01 (WQ041613:1130NP2-10)							Prepared & Analyzed: 04/23/2013			
Iron	15.6	0.0200	mg/L	1.00	14.8	88.6	75-125				
Reference (BD31112-SRM1)								Prepared & Analyzed: 04/23/2013			
Iron	0.472	0.0200	mg/L	0.462		102	87.9-114				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31096 - % Solids Prep											
Blank (BD31096-BLK1)									Prepared: 04/23/2013 Analyzed: 04/24/2013		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BD31096-DUP1)	*Source sample: 13D0724-01 (WQ041613:1130NP2-10)								Prepared: 04/23/2013 Analyzed: 04/24/2013		
Total Dissolved Solids	122	1.00	mg/L		126				3.23	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0722-01	WQ041613:1120NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0722-02	WQ041613:1125NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0724-01	WQ041613:1130NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13D0722

YOUR Information
Company: LBG
Address: 4 Research Dr. Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address: ↓
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address: ↓
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG.

Samples from: CT___ NY X NJ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard (5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package NP2-10 only, pdf.
NJDEP Red. Deliv.
Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): [signature]
Name (printed): STEPHEN HNAT

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ041613:1120NP2-6	4/16/13 1120	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 list (EPA SW845-8260B) plus freon 113	3v 2P
WQ041613:1125NP2-7	↓ 1125	GW	↓	3v 2P
WQ041613:1130NP2-10	↓ 1130	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 list (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	3v 3P

Comments

Preservation (Check those Applicable): 4°C X Frozen ___ HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filler ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	4-19-13	[signature]	4-19-13 8:25
Samples Relinquished By	Date/Time	Samples Received in LAB by: [signature]	4/19/13 - 1530

Temperature on Receipt: 4.2 °C

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13D0724

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr Suite 301 Shelton, CT 06484	Address:	Address:	**Purchase Order No.** HABSAG.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel X
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded (No Dioxins/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded (Full List)	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ041613:1120NP2-6	4/16/13	1120	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2P 3v 2p
WQ041613:1125NP2-7	"	1125	GW	↓	3v 2p
WQ041613:1130NP2-10	"	1130	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TOS (SM 2540c)	3v 3p

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	4-19-13		4-19-13 8:25
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			4/19/13-1530

Temperature on Receipt 4.2 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 05/01/2013
Client Project ID: ROWE INDUSTRIES
York Project (SDG) No.: 13D0928

Report Date: 05/01/2013
Client Project ID: ROWE INDUSTRIES
York Project (SDG) No.: 13D0928

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 25, 2013 and listed below. The project was identified as your project: **ROWE INDUSTRIES**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0928-01	WQ042213:1530NP2-6	Water	04/22/2013	04/25/2013
13D0928-02	WQ042213:1535NP2-7	Water	04/22/2013	04/25/2013
13D0929-01	WQ042213:1540NP2-10	Water	04/22/2013	04/25/2013

General Notes for York Project (SDG) No.: 13D0928

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/01/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ042213:1530NP2-6 **York Sample ID:** 13D0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0928	ROWE INDUSTRIES	Water	April 22, 2013 3:30 pm	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS

Sample Information

Client Sample ID: WQ042213:1530NP2-6 **York Sample ID:** 13D0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0928	ROWE INDUSTRIES	Water	April 22, 2013 3:30 pm	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-09-2	Methylene chloride	**2.0**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
127-18-4	Tetrachloroethylene	**0.69**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 11:30	SS

Sample Information

Client Sample ID: WQ042213:1530NP2-6 **York Sample ID:** 13D0928-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0928	ROWE INDUSTRIES	Water	April 22, 2013 3:30 pm	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*102 %*		*81.2-127*							

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/29/2013 16:10	04/29/2013 18:46	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.721**		mg/L	0.0100	0.0200	1	EPA 200.7	04/29/2013 16:13	04/29/2013 19:43	MW

Sample Information

Client Sample ID: WQ042213:1535NP2-7 **York Sample ID:** 13D0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0928	ROWE INDUSTRIES	Water	April 22, 2013 3:35 pm	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS

Sample Information

Client Sample ID: WQ042213:1535NP2-7 **York Sample ID:** 13D0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0928	ROWE INDUSTRIES	Water	April 22, 2013 3:35 pm	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
108-90-7	Chlorobenzene	**0.11**	J	ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS

Sample Information

Client Sample ID: WQ042213:1535NP2-7 **York Sample ID:** 13D0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0928	ROWE INDUSTRIES	Water	April 22, 2013 3:35 pm	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-09-2	Methylene chloride	**2.5**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:39	04/29/2013 12:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0285**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/29/2013 16:10	04/29/2013 18:51	MW

Sample Information

Client Sample ID: WQ042213:1535NP2-7 **York Sample ID:** 13D0928-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0928	ROWE INDUSTRIES	Water	April 22, 2013 3:35 pm	04/25/2013

Iron by EPA 200.7 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.350**		mg/L	0.0100	0.0200	1	EPA 200.7	04/29/2013 16:13	04/29/2013 19:48	MW

Sample Information

Client Sample ID: WQ042213:1540NP2-10 **York Sample ID:** 13D0929-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0929	ROWE INDUSTRIES	Water	April 22, 2013 3:40 pm	04/25/2013

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS

Sample Information

Client Sample ID: WQ042213:1540NP2-10 **York Sample ID:** 13D0929-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0929	ROWE INDUSTRIES	Water	April 22, 2013 3:40 pm	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-09-2	Methylene chloride	**2.4**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS

Sample Information

Client Sample ID: WQ042213:1540NP2-10 **York Sample ID:** 13D0929-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0929	ROWE INDUSTRIES	Water	April 22, 2013 3:40 pm	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/30/2013 10:50	04/30/2013 12:52	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*124 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0673**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	04/29/2013 16:10	04/29/2013 18:56	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.622**		mg/L	0.0100	0.0200	1	EPA 200.7	04/29/2013 16:13	04/29/2013 19:53	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**118**		mg/L	1.00	1.00	1	SM 2540C	04/29/2013 08:13	04/29/2013 08:13	ALD

Analytical Batch Summary

Batch ID: BD31299 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13D0929-01	WQ042213:1540NP2-10	04/29/13
BD31299-BLK1	Blank	04/29/13
BD31299-DUP1	Duplicate	04/29/13

Batch ID: BD31332 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13D0928-01	WQ042213:1530NP2-6	04/29/13
13D0928-02	WQ042213:1535NP2-7	04/29/13
BD31332-BLK1	Blank	04/29/13
BD31332-BS1	LCS	04/29/13
BD31332-BSD1	LCS Dup	04/29/13

Batch ID: BD31368 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13D0928-01	WQ042213:1530NP2-6	04/29/13
13D0928-02	WQ042213:1535NP2-7	04/29/13
13D0929-01	WQ042213:1540NP2-10	04/29/13
BD31368-BLK1	Blank	04/29/13
BD31368-DUP1	Duplicate	04/29/13
BD31368-MS1	Matrix Spike	04/29/13
BD31368-SRM1	Reference	04/29/13

Batch ID: BD31369 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13D0928-01	WQ042213:1530NP2-6	04/29/13
13D0928-02	WQ042213:1535NP2-7	04/29/13
13D0929-01	WQ042213:1540NP2-10	04/29/13
BD31369-BLK1	Blank	04/29/13
BD31369-DUP1	Duplicate	04/29/13
BD31369-MS1	Matrix Spike	04/29/13
BD31369-SRM1	Reference	04/29/13

Batch ID: BD31393 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13D0929-01	WQ042213:1540NP2-10	04/30/13
BD31393-BLK1	Blank	04/30/13
BD31393-BS1	LCS	04/30/13
BD31393-BSD1	LCS Dup	04/30/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31332 - EPA 5030B											
Blank (BD31332-BLK1)									Prepared & Analyzed: 04/29/2013		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.5	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.1	2.0	"								
Naphthalene	0.64	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31332 - EPA 5030B											
Blank (BD31332-BLK1)								Prepared & Analyzed: 04/29/2013			
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.49*		*"*	*10.0*		*94.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.3*		*"*	*10.0*		*123*	*63.5-145*				
Surrogate: Toluene-d8	*9.80*		*"*	*10.0*		*98.0*	*81.2-127*				
LCS (BD31332-BS1)								Prepared & Analyzed: 04/29/2013			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	71.1-129				
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129				
1,1-Dichloroethane	10.5		"	10.0		105	79.6-132				
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146				
1,1-Dichloropropylene	9.64		"	10.0		96.4	75-136				
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	66.1-136				
1,2,3-Trichloropropane	11.4		"	10.0		114	63-131				
1,2,4-Trichlorobenzene	9.91		"	10.0		99.1	70.6-136				
1,2,4-Trimethylbenzene	9.98		"	10.0		99.8	75.3-135				
1,2-Dibromo-3-chloropropane	13.4		"	10.0		134	58.9-140				
1,2-Dibromoethane	10.2		"	10.0		102	79-130				
1,2-Dichlorobenzene	9.82		"	10.0		98.2	76.1-122				
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132				
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70.6-127				
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124				
1,3-Dichloropropane	9.99		"	10.0		99.9	75.8-126				
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125				
2,2-Dichloropropane	10.8		"	10.0		108	69-133				
2-Chlorotoluene	9.80		"	10.0		98.0	66.3-119				
2-Hexanone	9.26		"	10.0		92.6	70-130				
4-Chlorotoluene	10.2		"	10.0		102	69.2-127				
Acetone	9.71		"	10.0		97.1	70-130				
Benzene	10.4		"	10.0		104	76.2-129				
Bromobenzene	10.6		"	10.0		106	71.3-123				
Bromochloromethane	10.6		"	10.0		106	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	11.2		"	10.0		112	70.5-141				
Bromomethane	7.91		"	10.0		79.1	43.9-147				
Carbon tetrachloride	10.3		"	10.0		103	78.1-138				
Chlorobenzene	9.86		"	10.0		98.6	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31332 - EPA 5030B											
LCS (BD31332-BS1)							Prepared & Analyzed: 04/29/2013				
Chloroethane	10.7		ug/L	10.0		107	55.8-140				
Chloroform	10.2		"	10.0		102	76.6-133				
Chloromethane	8.96		"	10.0		89.6	48.8-115				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	75.1-128				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128				
Dibromochloromethane	10.8		"	10.0		108	79.8-134				
Dibromomethane	11.9		"	10.0		119	79-130				
Dichlorodifluoromethane	9.88		"	10.0		98.8	47.1-101				
Ethyl Benzene	9.86		"	10.0		98.6	80.8-128				
Hexachlorobutadiene	9.50		"	10.0		95.0	64.8-128				
Isopropylbenzene	10.1		"	10.0		101	75.5-135				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	65.1-140				
Methylene chloride	11.1		"	10.0		111	61.3-120				
Naphthalene	9.79		"	10.0		97.9	62.3-148				
n-Butylbenzene	9.67		"	10.0		96.7	67.2-123				
n-Propylbenzene	10.1		"	10.0		101	70.5-127				
o-Xylene	9.45		"	10.0		94.5	75.9-122				
p- & m- Xylenes	19.4		"	20.0		97.0	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	9.53		"	10.0		95.3	77.8-123				
tert-Butylbenzene	10.5		"	10.0		105	75.9-151				
Tetrachloroethylene	9.72		"	10.0		97.2	63.6-167				
Toluene	9.55		"	10.0		95.5	77-123				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139				
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137				
Trichloroethylene	9.98		"	10.0		99.8	77.9-130				
Trichlorofluoromethane	10.4		"	10.0		104	57.4-133				
Vinyl Chloride	9.95		"	10.0		99.5	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*63.5-145*				
Surrogate: Toluene-d8	*9.89*		*"*	*10.0*		*98.9*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Batch BD31332 - EPA 5030B

LCS Dup (BD31332-BSD1) Prepared & Analyzed: 04/29/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		2.88	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		1.55	19.7	
1,1,2,2-Tetrachloroethane	10.3		"	10.0		103	71.3-131		0.582	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	71.1-129		4.56	21.7	
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129		2.84	20.3	
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132		4.97	20.6	
1,1-Dichloroethylene	10.0		"	10.0		100	80.2-146		2.75	20	
1,1-Dichloropropylene	9.49		"	10.0		94.9	75-136		1.57	19.3	
1,2,3-Trichlorobenzene	10.7		"	10.0		107	66.1-136		10.6	21.6	
1,2,3-Trichloropropane	11.4		"	10.0		114	63-131		0.701	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		5.30	21.7	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	75.3-135		2.08	18.8	
1,2-Dibromo-3-chloropropane	13.4		"	10.0		134	58.9-140		0.150	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		1.67	23	
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122		4.97	19.8	
1,2-Dichloroethane	9.68		"	10.0		96.8	74.6-132		3.75	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		1.47	20.7	
1,3,5-Trimethylbenzene	10.9		"	10.0		109	70.6-127		3.36	18.9	
1,3-Dichlorobenzene	10.6		"	10.0		106	77-124		5.13	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		1.98	22.1	
1,4-Dichlorobenzene	10.2		"	10.0		102	76.6-125		2.27	18.6	
2,2-Dichloropropane	10.2		"	10.0		102	69-133		5.14	19.8	
2-Chlorotoluene	10.3		"	10.0		103	66.3-119		5.17	21.6	
2-Hexanone	10.7		"	10.0		107	70-130		14.2	30	
4-Chlorotoluene	10.9		"	10.0		109	69.2-127		5.97	19	
Acetone	8.28		"	10.0		82.8	70-130		15.9	30	
Benzene	9.76		"	10.0		97.6	76.2-129		5.96	19	
Bromobenzene	11.3		"	10.0		113	71.3-123		5.94	20.3	
Bromochloromethane	9.91		"	10.0		99.1	70.8-137		6.54	23.9	
Bromodichloromethane	10.9		"	10.0		109	79.7-134		3.18	21	
Bromoform	11.4		"	10.0		114	70.5-141		1.95	21.8	
Bromomethane	8.05		"	10.0		80.5	43.9-147		1.75	28.4	
Carbon tetrachloride	10.3		"	10.0		103	78.1-138		0.0968	20.1	
Chlorobenzene	10.3		"	10.0		103	80.4-125		4.17	19.9	
Chloroethane	10.0		"	10.0		100	55.8-140		6.58	23.3	
Chloroform	9.99		"	10.0		99.9	76.6-133		2.47	20.3	
Chloromethane	8.67		"	10.0		86.7	48.8-115		3.29	24.5	
cis-1,2-Dichloroethylene	9.76		"	10.0		97.6	75.1-128		3.23	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		2.52	19.9	
Dibromochloromethane	11.0		"	10.0		110	79.8-134		2.29	21.3	
Dibromomethane	12.2		"	10.0		122	79-130		2.24	22.4	
Dichlorodifluoromethane	9.56		"	10.0		95.6	47.1-101		3.29	23.9	
Ethyl Benzene	10.5		"	10.0		105	80.8-128		6.57	19.2	
Hexachlorobutadiene	10.8		"	10.0		108	64.8-128		12.8	20.6	
Isopropylbenzene	10.6		"	10.0		106	75.5-135		5.12	20	
Methyl tert-butyl ether (MTBE)	9.75		"	10.0		97.5	65.1-140		9.57	23.6	
Methylene chloride	10.6		"	10.0		106	61.3-120		4.60	20.4	
Naphthalene	10.3		"	10.0		103	62.3-148		4.88	27.1	
n-Butylbenzene	10.4		"	10.0		104	67.2-123		7.37	19.1	
n-Propylbenzene	10.7		"	10.0		107	70.5-127		5.58	23.4	
o-Xylene	9.94		"	10.0		99.4	75.9-122		5.05	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31332 - EPA 5030B											
LCS Dup (BD31332-BSD1)							Prepared & Analyzed: 04/29/2013				
p- & m- Xylenes	20.4		ug/L	20.0		102	77.7-127		4.88	18.6	
p-Isopropyltoluene	10.7		"	10.0		107	75.6-129		4.19	19.1	
sec-Butylbenzene	10.9		"	10.0		109	71.5-125		4.89	18.9	
Styrene	9.29		"	10.0		92.9	77.8-123		2.55	20.9	
tert-Butylbenzene	11.3		"	10.0		113	75.9-151		7.53	20.9	
Tetrachloroethylene	9.92		"	10.0		99.2	63.6-167		2.04	27.7	
Toluene	10.2		"	10.0		102	77-123		7.07	18.7	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139		1.19	19.5	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137		0.00	19.3	
Trichloroethylene	10.7		"	10.0		107	77.9-130		6.68	20.5	
Trichlorofluoromethane	9.87		"	10.0		98.7	57.4-133		5.04	21.4	
Vinyl Chloride	9.95		"	10.0		99.5	54.9-124		0.00	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.53*		*"*	*10.0*		*95.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
Batch BD31393 - EPA 5030B											
Blank (BD31393-BLK1)							Prepared & Analyzed: 04/30/2013				
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
Blank (BD31393-BLK1)											
Prepared & Analyzed: 04/30/2013											
Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.7	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.4*		*"*	*10.0*		*124*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BD31393 - EPA 5030B

LCS (BD31393-BS1) Prepared & Analyzed: 04/30/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33		"	10.0		93.3	71.1-129				
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129				
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132				
1,1-Dichloroethylene	9.57		"	10.0		95.7	80.2-146				
1,1-Dichloropropylene	9.78		"	10.0		97.8	75-136				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	12.1		"	10.0		121	63-131				
1,2,4-Trichlorobenzene	9.76		"	10.0		97.6	70.6-136				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	75.3-135				
1,2-Dibromo-3-chloropropane	13.2		"	10.0		132	58.9-140				
1,2-Dibromoethane	10.7		"	10.0		107	79-130				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	76.1-122				
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132				
1,2-Dichloropropane	9.85		"	10.0		98.5	76.9-129				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70.6-127				
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124				
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126				
1,4-Dichlorobenzene	10.1		"	10.0		101	76.6-125				
2,2-Dichloropropane	10.7		"	10.0		107	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	10.0		"	10.0		100	70-130				
4-Chlorotoluene	11.2		"	10.0		112	69.2-127				
Acetone	7.84		"	10.0		78.4	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	11.0		"	10.0		110	71.3-123				
Bromochloromethane	11.3		"	10.0		113	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	10.1		"	10.0		101	70.5-141				
Bromomethane	3.97		"	10.0		39.7	43.9-147	Low Bias			
Carbon tetrachloride	10.0		"	10.0		100	78.1-138				
Chlorobenzene	9.97		"	10.0		99.7	80.4-125				
Chloroethane	8.04		"	10.0		80.4	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	3.84		"	10.0		38.4	48.8-115	Low Bias			
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128				
Dibromochloromethane	10.7		"	10.0		107	79.8-134				
Dibromomethane	11.2		"	10.0		112	79-130				
Dichlorodifluoromethane	2.13		"	10.0		21.3	47.1-101	Low Bias			
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128				
Isopropylbenzene	10.9		"	10.0		109	75.5-135				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140				
Methylene chloride	11.6		"	10.0		116	61.3-120				
Naphthalene	9.49		"	10.0		94.9	62.3-148				
n-Butylbenzene	10.8		"	10.0		108	67.2-123				
n-Propylbenzene	10.9		"	10.0		109	70.5-127				
o-Xylene	9.90		"	10.0		99.0	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BD31393 - EPA 5030B

LCS (BD31393-BS1) Prepared & Analyzed: 04/30/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
p- & m- Xylenes	20.8		ug/L	20.0		104	77.7-127				
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129				
sec-Butylbenzene	11.0		"	10.0		110	71.5-125				
Styrene	10.0		"	10.0		100	77.8-123				
tert-Butylbenzene	11.1		"	10.0		111	75.9-151				
Tetrachloroethylene	9.80		"	10.0		98.0	63.6-167				
Toluene	10.2		"	10.0		102	77-123				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	7.92		"	10.0		79.2	57.4-133				
Vinyl Chloride	5.40		"	10.0		54.0	54.9-124	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

LCS Dup (BD31393-BSD1) Prepared & Analyzed: 04/30/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		2.97	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		1.67	19.7	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	71.3-131		2.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12		"	10.0		91.2	71.1-129		2.28	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		2.27	20.3	
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132		3.72	20.6	
1,1-Dichloroethylene	9.01		"	10.0		90.1	80.2-146		6.03	20	
1,1-Dichloropropylene	9.94		"	10.0		99.4	75-136		1.62	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	66.1-136		5.15	21.6	
1,2,3-Trichloropropane	14.2		"	10.0		142	63-131	High Bias	16.5	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		10.4	21.7	
1,2,4-Trimethylbenzene	12.0		"	10.0		120	75.3-135		7.68	18.8	
1,2-Dibromo-3-chloropropane	14.4		"	10.0		144	58.9-140	High Bias	9.42	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		5.97	23	
1,2-Dichlorobenzene	10.8		"	10.0		108	76.1-122		8.39	19.8	
1,2-Dichloroethane	9.92		"	10.0		99.2	74.6-132		7.75	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		7.71	20.7	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	70.6-127		8.15	18.9	
1,3-Dichlorobenzene	11.1		"	10.0		111	77-124		6.79	19.2	
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126		0.695	22.1	
1,4-Dichlorobenzene	11.7		"	10.0		117	76.6-125		14.8	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		3.61	19.8	
2-Chlorotoluene	12.0		"	10.0		120	66.3-119	High Bias	12.2	21.6	
2-Hexanone	10.9		"	10.0		109	70-130		8.41	30	
4-Chlorotoluene	12.6		"	10.0		126	69.2-127		11.5	19	
Acetone	7.39		"	10.0		73.9	70-130		5.91	30	
Benzene	10.1		"	10.0		101	76.2-129		4.47	19	
Bromobenzene	11.7		"	10.0		117	71.3-123		6.44	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		8.49	23.9	
Bromodichloromethane	10.5		"	10.0		105	79.7-134		2.50	21	
Bromoform	11.1		"	10.0		111	70.5-141		9.71	21.8	
Bromomethane	4.01		"	10.0		40.1	43.9-147	Low Bias	1.00	28.4	
Carbon tetrachloride	10.2		"	10.0		102	78.1-138		1.58	20.1	
Chlorobenzene	10.5		"	10.0		105	80.4-125		5.27	19.9	
Chloroethane	7.99		"	10.0		79.9	55.8-140		0.624	23.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
LCS Dup (BD31393-BSD1)								Prepared & Analyzed: 04/30/2013			
Chloroform	10.5		ug/L	10.0		105	76.6-133		1.60	20.3	
Chloromethane	3.70		"	10.0		37.0	48.8-115	Low Bias	3.71	24.5	
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	75.1-128		5.94	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		0.894	19.9	
Dibromochloromethane	11.3		"	10.0		113	79.8-134		5.18	21.3	
Dibromomethane	11.6		"	10.0		116	79-130		3.49	22.4	
Dichlorodifluoromethane	2.19		"	10.0		21.9	47.1-101	Low Bias	2.78	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		4.69	19.2	
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128		14.0	20.6	
Isopropylbenzene	11.9		"	10.0		119	75.5-135		8.86	20	
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	65.1-140		8.51	23.6	
Methylene chloride	11.4		"	10.0		114	61.3-120		1.65	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		15.6	27.1	
n-Butylbenzene	12.1		"	10.0		121	67.2-123		11.5	19.1	
n-Propylbenzene	11.9		"	10.0		119	70.5-127		8.41	23.4	
o-Xylene	10.2		"	10.0		102	75.9-122		3.08	19.3	
p- & m- Xylenes	22.0		"	20.0		110	77.7-127		5.23	18.6	
p-Isopropyltoluene	12.1		"	10.0		121	75.6-129		11.1	19.1	
sec-Butylbenzene	12.6		"	10.0		126	71.5-125	High Bias	13.7	18.9	
Styrene	10.4		"	10.0		104	77.8-123		4.11	20.9	
tert-Butylbenzene	12.5		"	10.0		125	75.9-151		11.7	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		3.41	27.7	
Toluene	10.6		"	10.0		106	77-123		4.13	18.7	
trans-1,2-Dichloroethylene	9.51		"	10.0		95.1	76.3-139		5.92	19.5	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137		3.13	19.3	
Trichloroethylene	11.4		"	10.0		114	77.9-130		10.2	20.5	
Trichlorofluoromethane	7.99		"	10.0		79.9	57.4-133		0.880	21.4	
Vinyl Chloride	5.24		"	10.0		52.4	54.9-124	Low Bias	3.01	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.12*		*"*	*10.0*		*91.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31368 - EPA 3010A											
Blank (BD31368-BLK1)								Prepared & Analyzed: 04/29/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BD31368-DUP1)	*Source sample: 13D0929-01 (WQ042213:1540NP2-10)							Prepared & Analyzed: 04/29/2013			
Iron - Dissolved	0.0572	0.0200	mg/L		0.0673				16.2	20	
Matrix Spike (BD31368-MS1)	*Source sample: 13D0929-01 (WQ042213:1540NP2-10)							Prepared & Analyzed: 04/29/2013			
Iron - Dissolved	1.11	0.0200	mg/L	1.00	0.0673	104	75-125				
Reference (BD31368-SRM1)								Prepared & Analyzed: 04/29/2013			
Iron - Dissolved	0.430	0.0200	mg/L	0.462		93.0	87.9-114				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31369 - EPA 3010A											
Blank (BD31369-BLK1)								Prepared & Analyzed: 04/29/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BD31369-DUP1)	*Source sample: 13D0929-01 (WQ042213:1540NP2-10)							Prepared & Analyzed: 04/29/2013			
Iron	0.629	0.0200	mg/L		0.622				1.11	20	
Matrix Spike (BD31369-MS1)	*Source sample: 13D0929-01 (WQ042213:1540NP2-10)							Prepared & Analyzed: 04/29/2013			
Iron	1.66	0.0200	mg/L	1.00	0.622	103	75-125				
Reference (BD31369-SRM1)								Prepared & Analyzed: 04/29/2013			
Iron	0.426	0.0200	mg/L	0.462		92.3	87.9-114				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31299 - % Solids Prep											
Blank (BD31299-BLK1)								Prepared & Analyzed: 04/29/2013			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BD31299-DUP1)	*Source sample: 13D0929-01 (WQ042213:1540NP2-10)							Prepared & Analyzed: 04/29/2013			
Total Dissolved Solids	112	1.00	mg/L		118				5.22	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0928-01	WQ042213:1530NP2-6	250mL Plastic Cool to 4° C
13D0928-02	WQ042213:1535NP2-7	250mL Plastic Cool to 4° C
13D0929-01	WQ042213:1540NP2-10	250mL Plastic Cool to 4° C

Notes and Definitions

VOA-CO	The result reported is most likely due to carryover from a previous sample run in the batch. Data user should take note.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions

York Project No. 13D0628

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSAG

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Samples from: CT__ NY X NJ__
Standard(5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package
CTRCP DQA/DUE Pkg
NY ASP A Package
NY ASP B Package NP2-10 only, pdf.
NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded (No Dioxins/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded (Full List)	Aquatic Tox.
Halog.only	NJDEP list	App IX	Chlordane	Toxic Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Hexane	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ04 2213: 1530 NP2-6	4/22/13 1530	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3v 2p
WQ04 2213: 1535 NP2-7	1535	GW	↓	3v 2p
WQ04 2213: 1540 NP2-10	1548	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TOS (SM 2540c)	3v 3p

Comments

Preservation Check those Applicable
4°C X Frozen__ HCl X MeOH__ HNO3 X H2SO4__ NaOH__
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 4/24/13 1650
Samples Received By: Fridge — Date/Time: 4/24/13 1650
Samples Relinquished By — Date/Time
Samples Received in LAB by: P Pace — Date/Time: 4/25/13 1445

Temperature on Receipt: 4.0 °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13D0929

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr. Suite 301 Shelton, CT 06484	Address:	Address:		RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	Purchase Order No. HABSA6.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT __ NY X NJ __	RUSH - Four Day ☐	NY ASP A Package
				Standard (5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): [signature]

Name (printed): STEPHEN HNAT

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App. IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ042213:1530NP2-6	4/22/13 1530	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	3v 2P
WQ042213:1535NP2-7	↓ 1535	GW	↓	3v 2P
WQ042213:1540NP2-10	↓ 1548	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540C)	3v 3P

Comments

Preservation Check those Applicable	4°C X Frozen __ HCl X MeOH __ HNO3 X H2SO4 __ NaOH __ ZnAc __ Ascorbic Acid __ Other __				Temperature on Receipt
Special Instructions	[signature]	4/24/13 1650	Fridge [signature]	4/24/13 1650	4.0 °C
Field Filtered ☐ Lab to Filter ☐	Samples Relinquished By	Date/Time	Samples Received By	Date/Time	
			[signature]	4/25/13 1415	
	Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 05/08/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13E0058

Report Date: 05/08/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13E0058

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 01, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13E0058-01	WQ042913:1030NP2-6	Water	04/29/2013	05/01/2013
13E0058-02	WQ042913:1035NP2-7	Water	04/29/2013	05/01/2013
13E0059-01	WQ042913:1040NP2-10	Water	04/29/2013	05/01/2013

General Notes for York Project (SDG) No.: 13E0058

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/08/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ042913:1030NP2-6 **York Sample ID:** 13E0058-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0058	Rowe Industries	Water	April 29, 2013 10:30 am	05/01/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
71-55-6	1,1,1-Trichloroethane	**0.57**		ug/L	0.024	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-34-3	1,1-Dichloroethane	**0.20**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS

Sample Information

Client Sample ID: WQ042913:1030NP2-6 **York Sample ID:** 13E0058-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0058	Rowe Industries	Water	April 29, 2013 10:30 am	05/01/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
67-66-3	Chloroform	**0.15**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-09-2	Methylene chloride	**0.69**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
127-18-4	Tetrachloroethylene	**0.79**		ug/L	0.070	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:09	SS

Sample Information

Client Sample ID: WQ042913:1030NP2-6 **York Sample ID:** 13E0058-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0058	Rowe Industries	Water	April 29, 2013 10:30 am	05/01/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*100 %*		*81.2-127*							

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0221**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	05/02/2013 15:55	05/02/2013 18:06	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**1.08**		mg/L	0.0100	0.0200	1	EPA 200.7	05/02/2013 10:18	05/02/2013 19:08	MW

Sample Information

Client Sample ID: WQ042913:1035NP2-7 **York Sample ID:** 13E0058-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0058	Rowe Industries	Water	April 29, 2013 10:35 am	05/01/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS

Sample Information

Client Sample ID: WQ042913:1035NP2-7 **York Sample ID:** 13E0058-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0058	Rowe Industries	Water	April 29, 2013 10:35 am	05/01/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS

Sample Information

Client Sample ID: WQ042913:1035NP2-7 **York Sample ID:** 13E0058-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0058	Rowe Industries	Water	April 29, 2013 10:35 am	05/01/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-09-2	Methylene chloride	**0.86**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/03/2013 10:45	05/06/2013 13:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.2 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*108 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.0100	0.0200	1	EPA SW846-6010B	05/02/2013 15:55	05/02/2013 18:11	MW

Sample Information

Client Sample ID: WQ042913:1035NP2-7 **York Sample ID:** 13E0058-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0058	Rowe Industries	Water	April 29, 2013 10:35 am	05/01/2013

Iron by EPA 200.7 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.720**		mg/L	0.0100	0.0200	1	EPA 200.7	05/02/2013 10:18	05/02/2013 19:13	MW

Sample Information

Client Sample ID: WQ042913:1040NP2-10 **York Sample ID:** 13E0059-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0059	Rowe Industries	Water	April 29, 2013 10:40 am	05/01/2013

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS

Sample Information

Client Sample ID: WQ042913:1040NP2-10 **York Sample ID:** 13E0059-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0059	Rowe Industries	Water	April 29, 2013 10:40 am	05/01/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-09-2	Methylene chloride	**0.69**	J	ug/L	0.26	2.0	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS

Sample Information

Client Sample ID: WQ042913:1040NP2-10 **York Sample ID:** 13E0059-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13E0059	Rowe Industries	Water	April 29, 2013 10:40 am	05/01/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/03/2013 10:35	05/04/2013 06:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**0.0403**		mg/L	0.0100	0.0200	1	EPA SW846-6010B	05/02/2013 15:55	05/02/2013 18:16	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	**2.18**		mg/L	0.0100	0.0200	1	EPA 200.7	05/02/2013 10:18	05/02/2013 19:18	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**107**		mg/L	1.00	1.00	1	SM 2540C	05/03/2013 10:26	05/03/2013 10:26	ALD

Analytical Batch Summary

Batch ID: BE30090 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13E0058-01	WQ042913:1030NP2-6	05/02/13
13E0058-02	WQ042913:1035NP2-7	05/02/13
13E0059-01	WQ042913:1040NP2-10	05/02/13
BE30090-BLK1	Blank	05/02/13
BE30090-DUP1	Duplicate	05/02/13
BE30090-MS1	Matrix Spike	05/02/13
BE30090-SRM1	Reference	05/02/13

Batch ID: BE30114 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13E0058-01	WQ042913:1030NP2-6	05/02/13
13E0058-02	WQ042913:1035NP2-7	05/02/13
13E0059-01	WQ042913:1040NP2-10	05/02/13
BE30114-BLK1	Blank	05/02/13
BE30114-DUP1	Duplicate	05/02/13
BE30114-MS1	Matrix Spike	05/02/13
BE30114-SRM1	Reference	05/02/13

Batch ID: BE30157 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
13E0059-01	WQ042913:1040NP2-10	05/03/13
BE30157-BLK1	Blank	05/03/13
BE30157-DUP1	Duplicate	05/03/13

Batch ID: BE30161 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13E0059-01	WQ042913:1040NP2-10	05/03/13
BE30161-BLK1	Blank	05/03/13
BE30161-BS1	LCS	05/03/13
BE30161-BSD1	LCS Dup	05/03/13

Batch ID: BE30199 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13E0058-01	WQ042913:1030NP2-6	05/03/13
13E0058-02	WQ042913:1035NP2-7	05/03/13
BE30199-BLK1	Blank	05/06/13
BE30199-BS1	LCS	05/06/13
BE30199-BSD1	LCS Dup	05/06/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30161 - EPA 5030B											
Blank (BE30161-BLK1)											
Prepared: 05/03/2013 Analyzed: 05/04/2013											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30161 - EPA 5030B											
Blank (BE30161-BLK1)									Prepared: 05/03/2013 Analyzed: 05/04/2013		
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.60*		*"*	*10.0*		*96.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.2*		*"*	*10.0*		*122*	*63.5-145*				
Surrogate: Toluene-d8	*10.5*		*"*	*10.0*		*105*	*81.2-127*				
LCS (BE30161-BS1)									Prepared & Analyzed: 05/03/2013		
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	10.6		"	10.0		106	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.84		"	10.0		98.4	71.1-129				
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129				
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132				
1,1-Dichloroethylene	9.34		"	10.0		93.4	80.2-146				
1,1-Dichloropropylene	9.58		"	10.0		95.8	75-136				
1,2,3-Trichlorobenzene	9.58		"	10.0		95.8	66.1-136				
1,2,3-Trichloropropane	11.0		"	10.0		110	63-131				
1,2,4-Trichlorobenzene	9.69		"	10.0		96.9	70.6-136				
1,2,4-Trimethylbenzene	9.38		"	10.0		93.8	75.3-135				
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	58.9-140				
1,2-Dibromoethane	10.6		"	10.0		106	79-130				
1,2-Dichlorobenzene	9.60		"	10.0		96.0	76.1-122				
1,2-Dichloroethane	9.55		"	10.0		95.5	74.6-132				
1,2-Dichloropropane	9.92		"	10.0		99.2	76.9-129				
1,3,5-Trimethylbenzene	9.99		"	10.0		99.9	70.6-127				
1,3-Dichlorobenzene	9.63		"	10.0		96.3	77-124				
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126				
1,4-Dichlorobenzene	10.0		"	10.0		100	76.6-125				
2,2-Dichloropropane	8.78		"	10.0		87.8	69-133				
2-Chlorotoluene	9.75		"	10.0		97.5	66.3-119				
2-Hexanone	10.1		"	10.0		101	70-130				
4-Chlorotoluene	10.7		"	10.0		107	69.2-127				
Acetone	9.35		"	10.0		93.5	70-130				
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	10.4		"	10.0		104	71.3-123				
Bromochloromethane	10.2		"	10.0		102	70.8-137				
Bromodichloromethane	10.6		"	10.0		106	79.7-134				
Bromoform	10.3		"	10.0		103	70.5-141				
Bromomethane	6.77		"	10.0		67.7	43.9-147				
Carbon tetrachloride	9.87		"	10.0		98.7	78.1-138				
Chlorobenzene	9.79		"	10.0		97.9	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30161 - EPA 5030B											
LCS (BE30161-BS1)								Prepared & Analyzed: 05/03/2013			
Chloroethane	9.14		ug/L	10.0		91.4	55.8-140				
Chloroform	10.2		"	10.0		102	76.6-133				
Chloromethane	6.07		"	10.0		60.7	48.8-115				
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128				
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	74.5-128				
Dibromochloromethane	10.6		"	10.0		106	79.8-134				
Dibromomethane	12.1		"	10.0		121	79-130				
Dichlorodifluoromethane	4.63		"	10.0		46.3	47.1-101	Low Bias			
Ethyl Benzene	10.1		"	10.0		101	80.8-128				
Hexachlorobutadiene	9.66		"	10.0		96.6	64.8-128				
Isopropylbenzene	10.4		"	10.0		104	75.5-135				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	65.1-140				
Methylene chloride	10.0		"	10.0		100	61.3-120				
Naphthalene	9.14		"	10.0		91.4	62.3-148				
n-Butylbenzene	10.2		"	10.0		102	67.2-123				
n-Propylbenzene	10.4		"	10.0		104	70.5-127				
o-Xylene	9.64		"	10.0		96.4	75.9-122				
p- & m- Xylenes	19.8		"	20.0		98.8	77.7-127				
p-Isopropyltoluene	10.1		"	10.0		101	75.6-129				
sec-Butylbenzene	10.4		"	10.0		104	71.5-125				
Styrene	7.99		"	10.0		79.9	77.8-123				
tert-Butylbenzene	10.7		"	10.0		107	75.9-151				
Tetrachloroethylene	9.23		"	10.0		92.3	63.6-167				
Toluene	10.0		"	10.0		100	77-123				
trans-1,2-Dichloroethylene	9.42		"	10.0		94.2	76.3-139				
trans-1,3-Dichloropropylene	9.67		"	10.0		96.7	72.5-137				
Trichloroethylene	10.4		"	10.0		104	77.9-130				
Trichlorofluoromethane	8.78		"	10.0		87.8	57.4-133				
Vinyl Chloride	6.99		"	10.0		69.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30161 - EPA 5030B											
LCS Dup (BE30161-BSD1)							Prepared & Analyzed: 05/03/2013				
1,1,1,2-Tetrachloroethane	11.3		ug/L	10.0		113	82.3-130		8.58	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		1.09	19.7	
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	71.3-131		8.92	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	71.1-129		2.11	21.7	
1,1,2-Trichloroethane	10.3		"	10.0		103	74.5-129		0.771	20.3	
1,1-Dichloroethane	9.85		"	10.0		98.5	79.6-132		4.76	20.6	
1,1-Dichloroethylene	9.28		"	10.0		92.8	80.2-146		0.644	20	
1,1-Dichloropropylene	9.37		"	10.0		93.7	75-136		2.22	19.3	
1,2,3-Trichlorobenzene	9.53		"	10.0		95.3	66.1-136		0.523	21.6	
1,2,3-Trichloropropane	12.8		"	10.0		128	63-131		15.1	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		6.78	21.7	
1,2,4-Trimethylbenzene	9.70		"	10.0		97.0	75.3-135		3.35	18.8	
1,2-Dibromo-3-chloropropane	11.2		"	10.0		112	58.9-140		0.535	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		3.26	23	
1,2-Dichlorobenzene	10.4		"	10.0		104	76.1-122		8.38	19.8	
1,2-Dichloroethane	9.07		"	10.0		90.7	74.6-132		5.16	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		3.56	20.7	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70.6-127		4.88	18.9	
1,3-Dichlorobenzene	10.7		"	10.0		107	77-124		10.7	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		1.78	22.1	
1,4-Dichlorobenzene	10.7		"	10.0		107	76.6-125		6.47	18.6	
2,2-Dichloropropane	8.93		"	10.0		89.3	69-133		1.69	19.8	
2-Chlorotoluene	10.8		"	10.0		108	66.3-119		10.1	21.6	
2-Hexanone	10.0		"	10.0		100	70-130		0.595	30	
4-Chlorotoluene	11.3		"	10.0		113	69.2-127		5.90	19	
Acetone	8.77		"	10.0		87.7	70-130		6.40	30	
Benzene	10.0		"	10.0		100	76.2-129		0.199	19	
Bromobenzene	11.3		"	10.0		113	71.3-123		8.74	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		1.38	23.9	
Bromodichloromethane	11.0		"	10.0		110	79.7-134		3.53	21	
Bromoform	11.6		"	10.0		116	70.5-141		11.8	21.8	
Bromomethane	6.50		"	10.0		65.0	43.9-147		4.07	28.4	
Carbon tetrachloride	9.73		"	10.0		97.3	78.1-138		1.43	20.1	
Chlorobenzene	9.90		"	10.0		99.0	80.4-125		1.12	19.9	
Chloroethane	8.93		"	10.0		89.3	55.8-140		2.32	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		0.294	20.3	
Chloromethane	6.17		"	10.0		61.7	48.8-115		1.63	24.5	
cis-1,2-Dichloroethylene	9.98		"	10.0		99.8	75.1-128		2.47	20.5	
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128		3.90	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		3.15	21.3	
Dibromomethane	11.7		"	10.0		117	79-130		3.19	22.4	
Dichlorodifluoromethane	4.63		"	10.0		46.3	47.1-101	Low Bias	0.00	23.9	
Ethyl Benzene	10.7		"	10.0		107	80.8-128		5.20	19.2	
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128		7.76	20.6	
Isopropylbenzene	11.2		"	10.0		112	75.5-135		7.50	20	
Methyl tert-butyl ether (MTBE)	9.91		"	10.0		99.1	65.1-140		3.57	23.6	
Methylene chloride	10.0		"	10.0		100	61.3-120		0.0998	20.4	
Naphthalene	9.68		"	10.0		96.8	62.3-148		5.74	27.1	
n-Butylbenzene	10.6		"	10.0		106	67.2-123		4.14	19.1	
n-Propylbenzene	11.2		"	10.0		112	70.5-127		6.96	23.4	
o-Xylene	9.87		"	10.0		98.7	75.9-122		2.36	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30161 - EPA 5030B											
LCS Dup (BE30161-BSD1)								Prepared & Analyzed: 05/03/2013			
p- & m- Xylenes	20.2		ug/L	20.0		101	77.7-127		2.10	18.6	
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129		8.28	19.1	
sec-Butylbenzene	11.3		"	10.0		113	71.5-125		8.19	18.9	
Styrene	7.96		"	10.0		79.6	77.8-123		0.376	20.9	
tert-Butylbenzene	11.3		"	10.0		113	75.9-151		5.64	20.9	
Tetrachloroethylene	9.96		"	10.0		99.6	63.6-167		7.61	27.7	
Toluene	10.1		"	10.0		101	77-123		0.893	18.7	
trans-1,2-Dichloroethylene	9.46		"	10.0		94.6	76.3-139		0.424	19.5	
trans-1,3-Dichloropropylene	9.93		"	10.0		99.3	72.5-137		2.65	19.3	
Trichloroethylene	10.8		"	10.0		108	77.9-130		3.88	20.5	
Trichlorofluoromethane	8.91		"	10.0		89.1	57.4-133		1.47	21.4	
Vinyl Chloride	7.27		"	10.0		72.7	54.9-124		3.93	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.54*		*"*	*10.0*		*95.4*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				
Batch BE30199 - EPA 5030B											
Blank (BE30199-BLK1)								Prepared & Analyzed: 05/06/2013			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	0.98	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30199 - EPA 5030B											
Blank (BE30199-BLK1)											
Prepared & Analyzed: 05/06/2013											
Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.7	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*8.60*		"	*10.0*		*86.0*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*13.0*		"	*10.0*		*130*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		"	*10.0*		*101*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30199 - EPA 5030B											
LCS (BE30199-BS1)								Prepared & Analyzed: 05/06/2013			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	9.53		"	10.0		95.3	75.6-137				
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.76		"	10.0		77.6	71.1-129				
1,1,2-Trichloroethane	9.82		"	10.0		98.2	74.5-129				
1,1-Dichloroethane	9.08		"	10.0		90.8	79.6-132				
1,1-Dichloroethylene	7.41		"	10.0		74.1	80.2-146	Low Bias			
1,1-Dichloropropylene	8.66		"	10.0		86.6	75-136				
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136				
1,2,3-Trichloropropane	13.0		"	10.0		130	63-131				
1,2,4-Trichlorobenzene	9.94		"	10.0		99.4	70.6-136				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135				
1,2-Dibromo-3-chloropropane	14.2		"	10.0		142	58.9-140	High Bias			
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	10.3		"	10.0		103	76.1-122				
1,2-Dichloroethane	8.59		"	10.0		85.9	74.6-132				
1,2-Dichloropropane	9.47		"	10.0		94.7	76.9-129				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127				
1,3-Dichlorobenzene	10.5		"	10.0		105	77-124				
1,3-Dichloropropane	9.82		"	10.0		98.2	75.8-126				
1,4-Dichlorobenzene	10.5		"	10.0		105	76.6-125				
2,2-Dichloropropane	9.34		"	10.0		93.4	69-133				
2-Chlorotoluene	10.4		"	10.0		104	66.3-119				
2-Hexanone	9.99		"	10.0		99.9	70-130				
4-Chlorotoluene	10.9		"	10.0		109	69.2-127				
Acetone	7.78		"	10.0		77.8	70-130				
Benzene	9.18		"	10.0		91.8	76.2-129				
Bromobenzene	11.1		"	10.0		111	71.3-123				
Bromochloromethane	9.16		"	10.0		91.6	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	11.2		"	10.0		112	70.5-141				
Bromomethane	5.02		"	10.0		50.2	43.9-147				
Carbon tetrachloride	8.96		"	10.0		89.6	78.1-138				
Chlorobenzene	9.80		"	10.0		98.0	80.4-125				
Chloroethane	6.43		"	10.0		64.3	55.8-140				
Chloroform	9.48		"	10.0		94.8	76.6-133				
Chloromethane	3.27		"	10.0		32.7	48.8-115	Low Bias			
cis-1,2-Dichloroethylene	9.20		"	10.0		92.0	75.1-128				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128				
Dibromochloromethane	11.0		"	10.0		110	79.8-134				
Dibromomethane	10.3		"	10.0		103	79-130				
Dichlorodifluoromethane	0.950		"	10.0		9.50	47.1-101	Low Bias			
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	10.8		"	10.0		108	64.8-128				
Isopropylbenzene	10.4		"	10.0		104	75.5-135				
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	65.1-140				
Methylene chloride	10.4		"	10.0		104	61.3-120				
Naphthalene	10.3		"	10.0		103	62.3-148				
n-Butylbenzene	10.6		"	10.0		106	67.2-123				
n-Propylbenzene	10.5		"	10.0		105	70.5-127				
o-Xylene	9.56		"	10.0		95.6	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30199 - EPA 5030B											
LCS (BE30199-BS1)								Prepared & Analyzed: 05/06/2013			
p- & m- Xylenes	20.0		ug/L	20.0		100	77.7-127				
p-Isopropyltoluene	11.0		"	10.0		110	75.6-129				
sec-Butylbenzene	10.9		"	10.0		109	71.5-125				
Styrene	9.42		"	10.0		94.2	77.8-123				
tert-Butylbenzene	11.2		"	10.0		112	75.9-151				
Tetrachloroethylene	9.59		"	10.0		95.9	63.6-167				
Toluene	9.63		"	10.0		96.3	77-123				
trans-1,2-Dichloroethylene	8.03		"	10.0		80.3	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	10.0		"	10.0		100	77.9-130				
Trichlorofluoromethane	6.44		"	10.0		64.4	57.4-133				
Vinyl Chloride	4.18		"	10.0		41.8	54.9-124	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*9.09*		*"*	*10.0*		*90.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS Dup (BE30199-BSD1)								Prepared & Analyzed: 05/06/2013			
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82.3-130		1.77	21.1	
1,1,1-Trichloroethane	9.33		"	10.0		93.3	75.6-137		2.12	19.7	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	71.3-131		0.911	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.84		"	10.0		78.4	71.1-129		1.03	21.7	
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129		2.91	20.3	
1,1-Dichloroethane	9.17		"	10.0		91.7	79.6-132		0.986	20.6	
1,1-Dichloroethylene	7.31		"	10.0		73.1	80.2-146	Low Bias	1.36	20	
1,1-Dichloropropylene	8.66		"	10.0		86.6	75-136		0.00	19.3	
1,2,3-Trichlorobenzene	9.94		"	10.0		99.4	66.1-136		6.05	21.6	
1,2,3-Trichloropropane	11.8		"	10.0		118	63-131		9.33	23.9	
1,2,4-Trichlorobenzene	9.54		"	10.0		95.4	70.6-136		4.11	21.7	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	75.3-135		0.495	18.8	
1,2-Dibromo-3-chloropropane	14.0		"	10.0		140	58.9-140		1.91	27.7	
1,2-Dibromoethane	10.6		"	10.0		106	79-130		1.53	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		0.781	19.8	
1,2-Dichloroethane	8.95		"	10.0		89.5	74.6-132		4.10	20.2	
1,2-Dichloropropane	9.85		"	10.0		98.5	76.9-129		3.93	20.7	
1,3,5-Trimethylbenzene	10.6		"	10.0		106	70.6-127		0.189	18.9	
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124		3.99	19.2	
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126		2.91	22.1	
1,4-Dichlorobenzene	10.4		"	10.0		104	76.6-125		0.479	18.6	
2,2-Dichloropropane	8.92		"	10.0		89.2	69-133		4.60	19.8	
2-Chlorotoluene	10.6		"	10.0		106	66.3-119		1.24	21.6	
2-Hexanone	10.2		"	10.0		102	70-130		2.47	30	
4-Chlorotoluene	11.0		"	10.0		110	69.2-127		0.825	19	
Acetone	7.03		"	10.0		70.3	70-130		10.1	30	
Benzene	9.45		"	10.0		94.5	76.2-129		2.90	19	
Bromobenzene	10.6		"	10.0		106	71.3-123		4.98	20.3	
Bromochloromethane	9.26		"	10.0		92.6	70.8-137		1.09	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		0.00	21	
Bromoform	11.1		"	10.0		111	70.5-141		0.449	21.8	
Bromomethane	4.61		"	10.0		46.1	43.9-147		8.52	28.4	
Carbon tetrachloride	9.42		"	10.0		94.2	78.1-138		5.01	20.1	
Chlorobenzene	9.77		"	10.0		97.7	80.4-125		0.307	19.9	
Chloroethane	6.47		"	10.0		64.7	55.8-140		0.620	23.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30199 - EPA 5030B											
LCS Dup (BE30199-BSD1)								Prepared & Analyzed: 05/06/2013			
Chloroform	9.62		ug/L	10.0		96.2	76.6-133		1.47	20.3	
Chloromethane	3.23		"	10.0		32.3	48.8-115	Low Bias	1.23	24.5	
cis-1,2-Dichloroethylene	9.37		"	10.0		93.7	75.1-128		1.83	20.5	
cis-1,3-Dichloropropylene	10.4		"	10.0		104	74.5-128		3.13	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		1.47	21.3	
Dibromomethane	11.5		"	10.0		115	79-130		11.5	22.4	
Dichlorodifluoromethane	0.860		"	10.0		8.60	47.1-101	Low Bias	9.94	23.9	
Ethyl Benzene	10.1		"	10.0		101	80.8-128		1.28	19.2	
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128		5.81	20.6	
Isopropylbenzene	10.7		"	10.0		107	75.5-135		2.55	20	
Methyl tert-butyl ether (MTBE)	9.30		"	10.0		93.0	65.1-140		0.756	23.6	
Methylene chloride	10.2		"	10.0		102	61.3-120		1.07	20.4	
Naphthalene	9.79		"	10.0		97.9	62.3-148		4.88	27.1	
n-Butylbenzene	10.3		"	10.0		103	67.2-123		3.07	19.1	
n-Propylbenzene	10.4		"	10.0		104	70.5-127		0.859	23.4	
o-Xylene	9.56		"	10.0		95.6	75.9-122		0.00	19.3	
p- & m- Xylenes	19.8		"	20.0		99.0	77.7-127		1.21	18.6	
p-Isopropyltoluene	11.0		"	10.0		110	75.6-129		0.273	19.1	
sec-Butylbenzene	10.7		"	10.0		107	71.5-125		2.50	18.9	
Styrene	9.66		"	10.0		96.6	77.8-123		2.52	20.9	
tert-Butylbenzene	11.2		"	10.0		112	75.9-151		0.625	20.9	
Tetrachloroethylene	9.72		"	10.0		97.2	63.6-167		1.35	27.7	
Toluene	9.65		"	10.0		96.5	77-123		0.207	18.7	
trans-1,2-Dichloroethylene	8.35		"	10.0		83.5	76.3-139		3.91	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.988	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		1.19	20.5	
Trichlorofluoromethane	6.42		"	10.0		64.2	57.4-133		0.311	21.4	
Vinyl Chloride	4.07		"	10.0		40.7	54.9-124	Low Bias	2.67	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.43*		*"*	*10.0*		*94.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.5*		*"*	*10.0*		*105*	*63.5-145*				
Surrogate: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30114 - EPA 3010A											
Blank (BE30114-BLK1)								Prepared & Analyzed: 05/02/2013			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BE30114-DUP1)	*Source sample: 13E0059-01 (WQ042913:1040NP2-10)							Prepared & Analyzed: 05/02/2013			
Iron - Dissolved	0.0144	0.0200	mg/L		0.0403				94.7	20	Non-dir.
Matrix Spike (BE30114-MS1)	*Source sample: 13E0059-01 (WQ042913:1040NP2-10)							Prepared & Analyzed: 05/02/2013			
Iron - Dissolved	1.07	0.0200	mg/L	1.00	0.0403	103	75-125				
Reference (BE30114-SRM1)								Prepared & Analyzed: 05/02/2013			
Iron - Dissolved	0.430	0.0200	mg/L	0.462		93.1	87.9-114				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30090 - EPA 3010A											
Blank (BE30090-BLK1)								Prepared & Analyzed: 05/02/2013			
Iron	ND	0.0200	mg/L								
Duplicate (BE30090-DUP1)	*Source sample: 13E0059-01 (WQ042913:1040NP2-10)							Prepared & Analyzed: 05/02/2013			
Iron	2.17	0.0200	mg/L		2.18				0.264	20	
Matrix Spike (BE30090-MS1)	*Source sample: 13E0059-01 (WQ042913:1040NP2-10)							Prepared & Analyzed: 05/02/2013			
Iron	3.22	0.0200	mg/L	1.00	2.18	105	75-125				
Reference (BE30090-SRM1)								Prepared & Analyzed: 05/02/2013			
Iron	0.435	0.0200	mg/L	0.462		94.1	87.9-114				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30157 - % Solids Prep											
Blank (BE30157-BLK1)									Prepared & Analyzed: 05/03/2013		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BE30157-DUP1)	*Source sample: 13E0059-01 (WQ042913:1040NP2-10)								Prepared & Analyzed: 05/03/2013		
Total Dissolved Solids	110	1.00	mg/L		107				2.76	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13E0058-01	WQ042913:1030NP2-6	250mL Plastic Cool to 4° C
13E0058-02	WQ042913:1035NP2-7	250mL Plastic Cool to 4° C
13E0059-01	WQ042913:1040NP2-10	250mL Plastic Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std Terms & Conditions are listed on the back side of this document
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std Terms & Conditions

York Project No. 13E0059

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301
Shelton, CT 06484
Phone No: 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No:
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No:
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG

Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ___
CTRCP DQA/DUE Pkg ___
NY ASP A Package ___
NY ASP B Package NP2-10 only, pdf.
NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS ___
EQuIS (std) ___
EZ-EDD (EQuIS) ___
NJDEP SRP HazSite EDD ___
GIS/KEY (std) ___
Other ___
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in)

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HYATT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Metals	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal
TCL list	Oxygenates	TAGM list	Site Spec	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded (No Dioxins/Furans)	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded (Dioxins/Furans)	Aquatic Tox.
Halog. only	NJDEP list	App. IX	Chlordane	Info. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Halogn	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WCC42913 1035 NP2-6	4/29/13 1050	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	3v 2p
WCC42913 1035 NP2-7	↓ 1035	GW	↓	3v 2p
WCC42913 1035 NP2-10	↓ 1040	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus from 113 / TDS (SM 2540C)	3v 3p

5-1-13 cw

Comments

Preservation Check those Applicable: 4°C X Frozen ___ HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions

Samples Relinquished By: 4/30/13 900 Date/Time

Samples Received By: 4/30/13 900 Date/Time

Samples Received at LAB by: C. Schneck 5/1/13 1615 Date/Time

Temperature on Receipt: 3.8 °C

APPENDIX II
APRIL 2013 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 05/01/2013
Client Project ID: ROWE INDUSTRIES
York Project (SDG) No.: 13D0932

Report Date: 05/01/2013
Client Project ID: ROWE INDUSTRIES
York Project (SDG) No.: 13D0932

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 25, 2013 and listed below. The project was identified as your project: **ROWE INDUSTRIES**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0932-01	GWQ042313:1000NP1-1-2	Water	04/23/2013	04/25/2013
13D0932-02	GWQ042313:1035NP1-1-4	Water	04/23/2013	04/25/2013
13D0932-03	GWQ042313:1015NP1-1-6	Water	04/23/2013	04/25/2013
13D0932-04	GWQ042313:1025NP1-1-7	Water	04/23/2013	04/25/2013

General Notes for York Project (SDG) No.: 13D0932

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/01/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: GWQ042313:1000NP1-1-2 **York Sample ID:** 13D0932-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:00 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
71-55-6	1,1,1-Trichloroethane	**0.24**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS

Sample Information

Client Sample ID: GWQ042313:1000NP1-1-2 **York Sample ID:** 13D0932-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:00 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
156-59-2	cis-1,2-Dichloroethylene	**0.59**		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-09-2	Methylene chloride	**1.9**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
127-18-4	Tetrachloroethylene	**0.74**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
79-01-6	Trichloroethylene	**0.45**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:58	SS

Sample Information

Client Sample ID: GWQ042313:1000NP1-1-2 **York Sample ID:** 13D0932-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:00 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**			**Acceptance Range**						
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*100 %*			*81.2-127*						

Sample Information

Client Sample ID: GWQ042313:1035NP1-1-4 **York Sample ID:** 13D0932-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:35 am	04/25/2013

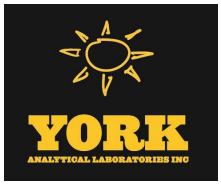
Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
71-55-6	1,1,1-Trichloroethane	**2.7**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-34-3	1,1-Dichloroethane	**0.77**		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS



Sample Information

Client Sample ID: GWQ042313:1035NP1-1-4 **York Sample ID:** 13D0932-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:35 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-00-3	Chloroethane	**0.12**	J	ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
67-66-3	Chloroform	**0.18**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-09-2	Methylene chloride	**2.1**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS

Sample Information

Client Sample ID: GWQ042313:1035NP1-1-4 **York Sample ID:** 13D0932-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:35 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
127-18-4	Tetrachloroethylene	**1.1**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
79-01-6	Trichloroethylene	**0.15**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 04:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ042313:1015NP1-1-6 **York Sample ID:** 13D0932-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:15 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
71-55-6	1,1,1-Trichloroethane	**0.56**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-34-3	1,1-Dichloroethane	**0.29**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS

Sample Information

Client Sample ID: GWQ042313:1015NP1-1-6 **York Sample ID:** 13D0932-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:15 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
67-66-3	Chloroform	**0.27**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS

Sample Information

Client Sample ID: GWQ042313:1015NP1-1-6 **York Sample ID:** 13D0932-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:15 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-09-2	Methylene chloride	**2.0**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
127-18-4	Tetrachloroethylene	**2.0**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*108 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: GWQ042313:1025NP1-1-7 **York Sample ID:** 13D0932-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:25 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GWQ042313:1025NP1-1-7 **York Sample ID:** 13D0932-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:25 am	04/25/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
71-55-6	1,1,1-Trichloroethane	**0.16**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS

Sample Information

Client Sample ID: GWQ042313:1025NP1-1-7 **York Sample ID:** 13D0932-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:25 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
67-66-3	Chloroform	**0.19**	J	ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-09-2	Methylene chloride	**1.8**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
127-18-4	Tetrachloroethylene	**0.67**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 05:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*

Sample Information

Client Sample ID: GWQ042313:1025NP1-1-7 **York Sample ID:** 13D0932-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0932	ROWE INDUSTRIES	Water	April 23, 2013 10:25 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*102 %*			*81.2-127*						

Analytical Batch Summary

Batch ID: BD31361 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13D0932-01	GWQ042313:1000NP1-1-2	04/29/13
13D0932-02	GWQ042313:1035NP1-1-4	04/29/13
13D0932-03	GWQ042313:1015NP1-1-6	04/29/13
13D0932-04	GWQ042313:1025NP1-1-7	04/29/13
BD31361-BLK1	Blank	04/29/13
BD31361-BS1	LCS	04/29/13
BD31361-BSD1	LCS Dup	04/29/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
Blank (BD31361-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.9	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Prepared & Analyzed: 04/29/2013

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
Blank (BD31361-BLK1)									Prepared & Analyzed: 04/29/2013		
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
LCS (BD31361-BS1)									Prepared & Analyzed: 04/29/2013		
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130				
1,1,1-Trichloroethane	11.1		"	10.0		111	75.6-137				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42		"	10.0		94.2	71.1-129				
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129				
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132				
1,1-Dichloroethylene	9.01		"	10.0		90.1	80.2-146				
1,1-Dichloropropylene	9.90		"	10.0		99.0	75-136				
1,2,3-Trichlorobenzene	12.3		"	10.0		123	66.1-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131				
1,2,4-Trichlorobenzene	12.4		"	10.0		124	70.6-136				
1,2,4-Trimethylbenzene	9.65		"	10.0		96.5	75.3-135				
1,2-Dibromo-3-chloropropane	8.32		"	10.0		83.2	58.9-140				
1,2-Dibromoethane	10.9		"	10.0		109	79-130				
1,2-Dichlorobenzene	9.78		"	10.0		97.8	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	9.90		"	10.0		99.0	70.6-127				
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124				
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	9.46		"	10.0		94.6	69-133				
2-Chlorotoluene	10.2		"	10.0		102	66.3-119				
2-Hexanone	10.8		"	10.0		108	70-130				
4-Chlorotoluene	10.4		"	10.0		104	69.2-127				
Acetone	9.83		"	10.0		98.3	70-130				
Benzene	10.7		"	10.0		107	76.2-129				
Bromobenzene	10.5		"	10.0		105	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	11.0		"	10.0		110	79.7-134				
Bromoform	11.3		"	10.0		113	70.5-141				
Bromomethane	14.2		"	10.0		142	43.9-147				
Carbon tetrachloride	11.0		"	10.0		110	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS (BD31361-BS1)								Prepared & Analyzed: 04/29/2013			
Chloroethane	8.72		ug/L	10.0		87.2	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	9.79		"	10.0		97.9	48.8-115				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	75.1-128				
cis-1,3-Dichloropropylene	11.3		"	10.0		113	74.5-128				
Dibromochloromethane	11.2		"	10.0		112	79.8-134				
Dibromomethane	10.6		"	10.0		106	79-130				
Dichlorodifluoromethane	8.78		"	10.0		87.8	47.1-101				
Ethyl Benzene	10.7		"	10.0		107	80.8-128				
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128				
Isopropylbenzene	10.5		"	10.0		105	75.5-135				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	65.1-140				
Methylene chloride	11.8		"	10.0		118	61.3-120				
Naphthalene	10.5		"	10.0		105	62.3-148				
n-Butylbenzene	10.3		"	10.0		103	67.2-123				
n-Propylbenzene	10.7		"	10.0		107	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	21.1		"	20.0		106	77.7-127				
p-Isopropyltoluene	10.6		"	10.0		106	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	8.80		"	10.0		88.0	77.8-123				
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	9.93		"	10.0		99.3	63.6-167				
Toluene	10.4		"	10.0		104	77-123				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	72.5-137				
Trichloroethylene	10.6		"	10.0		106	77.9-130				
Trichlorofluoromethane	9.52		"	10.0		95.2	57.4-133				
Vinyl Chloride	9.16		"	10.0		91.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS Dup (BD31361-BSD1)							Prepared & Analyzed: 04/29/2013				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		3.34	21.1	
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137		5.27	19.7	
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	71.3-131		5.62	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.01		"	10.0		90.1	71.1-129		4.45	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		6.27	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		6.88	20.6	
1,1-Dichloroethylene	8.66		"	10.0		86.6	80.2-146		3.96	20	
1,1-Dichloropropylene	9.37		"	10.0		93.7	75-136		5.50	19.3	
1,2,3-Trichlorobenzene	11.4		"	10.0		114	66.1-136		8.02	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		0.396	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		8.77	21.7	
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	75.3-135		3.05	18.8	
1,2-Dibromo-3-chloropropane	7.73		"	10.0		77.3	58.9-140		7.35	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		4.40	23	
1,2-Dichlorobenzene	9.39		"	10.0		93.9	76.1-122		4.07	19.8	
1,2-Dichloroethane	9.47		"	10.0		94.7	74.6-132		7.91	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		0.289	20.7	
1,3,5-Trimethylbenzene	9.61		"	10.0		96.1	70.6-127		2.97	18.9	
1,3-Dichlorobenzene	9.77		"	10.0		97.7	77-124		3.22	19.2	
1,3-Dichloropropane	9.98		"	10.0		99.8	75.8-126		4.03	22.1	
1,4-Dichlorobenzene	9.61		"	10.0		96.1	76.6-125		7.12	18.6	
2,2-Dichloropropane	8.97		"	10.0		89.7	69-133		5.32	19.8	
2-Chlorotoluene	9.73		"	10.0		97.3	66.3-119		4.62	21.6	
2-Hexanone	10.1		"	10.0		101	70-130		6.40	30	
4-Chlorotoluene	9.97		"	10.0		99.7	69.2-127		4.03	19	
Acetone	9.06		"	10.0		90.6	70-130		8.15	30	
Benzene	10.2		"	10.0		102	76.2-129		4.98	19	
Bromobenzene	9.90		"	10.0		99.0	71.3-123		5.50	20.3	
Bromochloromethane	9.90		"	10.0		99.0	70.8-137		5.02	23.9	
Bromodichloromethane	10.7		"	10.0		107	79.7-134		3.31	21	
Bromoform	10.6		"	10.0		106	70.5-141		6.49	21.8	
Bromomethane	13.7		"	10.0		137	43.9-147		3.52	28.4	
Carbon tetrachloride	10.5		"	10.0		105	78.1-138		4.18	20.1	
Chlorobenzene	9.90		"	10.0		99.0	80.4-125		2.99	19.9	
Chloroethane	8.40		"	10.0		84.0	55.8-140		3.74	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		4.77	20.3	
Chloromethane	9.31		"	10.0		93.1	48.8-115		5.03	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		5.90	20.5	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	74.5-128		3.62	19.9	
Dibromochloromethane	10.7		"	10.0		107	79.8-134		4.38	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		3.83	22.4	
Dichlorodifluoromethane	8.23		"	10.0		82.3	47.1-101		6.47	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		3.23	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		3.31	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		2.81	20	
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	65.1-140		10.6	23.6	
Methylene chloride	11.2		"	10.0		112	61.3-120		4.95	20.4	
Naphthalene	9.90		"	10.0		99.0	62.3-148		5.88	27.1	
n-Butylbenzene	9.82		"	10.0		98.2	67.2-123		4.67	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		3.53	23.4	
o-Xylene	9.76		"	10.0		97.6	75.9-122		3.62	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS Dup (BD31361-BSD1)								Prepared & Analyzed: 04/29/2013			
p- & m- Xylenes	20.4		ug/L	20.0		102	77.7-127		3.42	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		3.75	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		2.87	18.9	
Styrene	8.81		"	10.0		88.1	77.8-123		0.114	20.9	
tert-Butylbenzene	9.89		"	10.0		98.9	75.9-151		6.55	20.9	
Tetrachloroethylene	9.72		"	10.0		97.2	63.6-167		2.14	27.7	
Toluene	10.0		"	10.0		100	77-123		3.73	18.7	
trans-1,2-Dichloroethylene	9.32		"	10.0		93.2	76.3-139		7.14	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		3.72	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		4.91	20.5	
Trichlorofluoromethane	9.35		"	10.0		93.5	57.4-133		1.80	21.4	
Vinyl Chloride	8.77		"	10.0		87.7	54.9-124		4.35	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0932-01	GWQ042313:1000NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0932-02	GWQ042313:1035NP1-1-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0932-03	GWQ042313:1015NP1-1-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0932-04	GWQ042313:1025NP1-1-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13D0932

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
Phone no.: 203-929-8555	Company: Same	Company: Same		RUSH Two Day	CT RCP Pkg
Contact Person Tunde Sandor	Address:	Address:	Purchase Order no. NABSAG	RUSH Three Day	ASP A Pkg
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		RUSH Four Day	ASP B Pkg x, pdf
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	Standard (5-7 days) X	Excel
				OTHER	EDD x, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL MetCN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GWQ042313-1000MPI-1-2	4/23/13	1000	GW	VOC 8260 full list (EPA SW846-8260B)	3v
GWQ042313-1035MPI-1-4		1035	GW	VOC 8260 full list (EPA SW846-8260B)	3v
GWQ042313-1015MPI-1-6		1015	GW	VOC 8260 full list (EPA SW846-8260B)	3v
GWQ042313-1025MPI-1-7		1025	GW	VOC 8260 full list (EPA SW846-8260B)	3v
			~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
			~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
			~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
			~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	

Comments

Preservation "X" those applicable: Cool 4°C____ HNO3____ H2SO4____ NaOH____ NONE____ FROZEN____

Samples Relinquished By — Date/Time: 4/24/13 1600
Samples Relinquished By — Date/Time:

Samples Received By: Fridge — Date/Time: 4/25 12:35 / 4/24/13 1600
Samples Received in LAB by: Face — Date/Time: 4/25/13 1415

Temperature on Receipt: 3.8 °C

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 05/01/2013
Client Project ID: ROWE INDUSTRIES
York Project (SDG) No.: 13D0931

Report Date: 05/01/2013
Client Project ID: ROWE INDUSTRIES
York Project (SDG) No.: 13D0931

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 25, 2013 and listed below. The project was identified as your project: **ROWE INDUSTRIES**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0931-01	WQ042313:840FRW1	Water	04/23/2013	04/25/2013
13D0931-02	WQ042313:906FRW2	Water	04/23/2013	04/25/2013
13D0931-03	WQ042313:1036FRW3	Water	04/23/2013	04/25/2013
13D0931-04	WQ042313:1106FRW4	Water	04/23/2013	04/25/2013

General Notes for York Project (SDG) No.: 13D0931

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/01/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: WQ042313:840FRW1 **York Sample ID:** 13D0931-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 8:40 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
71-55-6	1,1,1-Trichloroethane	**4.4**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
75-34-3	1,1-Dichloroethane	**2.0**		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
75-35-4	1,1-Dichloroethylene	**0.86**		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
67-64-1	Acetone	**1.5**	J, B	ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS

Sample Information

Client Sample ID: WQ042313:840FRW1 **York Sample ID:** 13D0931-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 8:40 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
156-59-2	cis-1,2-Dichloroethylene	**290**		ug/L	0.69	5.0	10	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 13:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
75-09-2	Methylene chloride	**2.5**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
127-18-4	Tetrachloroethylene	**360**		ug/L	0.70	5.0	10	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 13:28	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
156-60-5	trans-1,2-Dichloroethylene	**0.53**		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
79-01-6	Trichloroethylene	**42**		ug/L	0.71	5.0	10	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 13:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
75-01-4	Vinyl Chloride	**9.5**		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:18	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WQ042313:840FRW1 **York Sample ID:** 13D0931-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 8:40 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*			*72.6-129*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*103 %*			*81.2-127*						

Sample Information

Client Sample ID: WQ042313:906FRW2 **York Sample ID:** 13D0931-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 9:06 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
71-55-6	1,1,1-Trichloroethane	**0.16**	J	ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-34-3	1,1-Dichloroethane	**0.60**		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS

Sample Information

Client Sample ID: WQ042313:906FRW2 **York Sample ID:** 13D0931-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 9:06 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
67-64-1	Acetone	**22**	B	ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
71-43-2	Benzene	**0.34**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
156-59-2	cis-1,2-Dichloroethylene	**47**		ug/L	0.14	1.0	2	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 14:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
100-41-4	Ethyl Benzene	**0.25**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-09-2	Methylene chloride	**2.2**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS

Sample Information

Client Sample ID: WQ042313:906FRW2 **York Sample ID:** 13D0931-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 9:06 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
127-18-4	Tetrachloroethylene	**4.0**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
108-88-3	Toluene	**0.33**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
79-01-6	Trichloroethylene	**1.4**		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
75-01-4	Vinyl Chloride	**7.9**		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 01:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*81.2-127*

Sample Information

Client Sample ID: WQ042313:1036FRW3 **York Sample ID:** 13D0931-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 10:36 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
71-55-6	1,1,1-Trichloroethane	**0.56**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-34-3	1,1-Dichloroethane	**3.6**		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-35-4	1,1-Dichloroethylene	**0.35**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS

Sample Information

Client Sample ID: WQ042313:1036FRW3 **York Sample ID:** 13D0931-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 10:36 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
67-64-1	Acetone	**10**	B	ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
156-59-2	cis-1,2-Dichloroethylene	**370**		ug/L	0.69	5.0	10	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 14:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS

Sample Information

Client Sample ID: WQ042313:1036FRW3 **York Sample ID:** 13D0931-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 10:36 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
98-82-8	Isopropylbenzene	**0.29**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-09-2	Methylene chloride	**2.3**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
127-18-4	Tetrachloroethylene	**1.3**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
108-88-3	Toluene	**0.18**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
156-60-5	trans-1,2-Dichloroethylene	**0.42**	J	ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
79-01-6	Trichloroethylene	**0.31**	J	ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 02:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.2 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ042313:1106FRW4 **York Sample ID:** 13D0931-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 11:03 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **WQ042313:1106FRW4** **York Sample ID:** **13D0931-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 11:03 am	04/25/2013

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
71-55-6	1,1,1-Trichloroethane	**2.7**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
75-34-3	1,1-Dichloroethane	**1.7**		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS

Sample Information

Client Sample ID: WQ042313:1106FRW4 **York Sample ID:** 13D0931-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 11:03 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
156-59-2	cis-1,2-Dichloroethylene	**39**		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
75-09-2	Methylene chloride	**2.0**	B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
127-18-4	Tetrachloroethylene	**82**		ug/L	0.35	2.5	5	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 15:15	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
79-01-6	Trichloroethylene	**11**		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 03:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.3 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*

Sample Information

Client Sample ID: WQ042313:1106FRW4 **York Sample ID:** 13D0931-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0931	ROWE INDUSTRIES	Water	April 23, 2013 11:03 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*125 %*			*81.2-127*						

Analytical Batch Summary

Batch ID: BD31361 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13D0931-01	WQ042313:840FRW1	04/29/13
13D0931-02	WQ042313:906FRW2	04/29/13
13D0931-03	WQ042313:1036FRW3	04/29/13
13D0931-04	WQ042313:1106FRW4	04/29/13
BD31361-BLK1	Blank	04/29/13
BD31361-BS1	LCS	04/29/13
BD31361-BSD1	LCS Dup	04/29/13

Batch ID: BD31393 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13D0931-01RE1	WQ042313:840FRW1	04/30/13
13D0931-02RE1	WQ042313:906FRW2	04/30/13
13D0931-03RE1	WQ042313:1036FRW3	04/30/13
13D0931-04RE1	WQ042313:1106FRW4	04/30/13
BD31393-BLK1	Blank	04/30/13
BD31393-BS1	LCS	04/30/13
BD31393-BSD1	LCS Dup	04/30/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
Blank (BD31361-BLK1)									Prepared & Analyzed: 04/29/2013		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.9	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
Blank (BD31361-BLK1)									Prepared & Analyzed: 04/29/2013		
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
LCS (BD31361-BS1)									Prepared & Analyzed: 04/29/2013		
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130				
1,1,1-Trichloroethane	11.1		"	10.0		111	75.6-137				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42		"	10.0		94.2	71.1-129				
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129				
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132				
1,1-Dichloroethylene	9.01		"	10.0		90.1	80.2-146				
1,1-Dichloropropylene	9.90		"	10.0		99.0	75-136				
1,2,3-Trichlorobenzene	12.3		"	10.0		123	66.1-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131				
1,2,4-Trichlorobenzene	12.4		"	10.0		124	70.6-136				
1,2,4-Trimethylbenzene	9.65		"	10.0		96.5	75.3-135				
1,2-Dibromo-3-chloropropane	8.32		"	10.0		83.2	58.9-140				
1,2-Dibromoethane	10.9		"	10.0		109	79-130				
1,2-Dichlorobenzene	9.78		"	10.0		97.8	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	9.90		"	10.0		99.0	70.6-127				
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124				
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	9.46		"	10.0		94.6	69-133				
2-Chlorotoluene	10.2		"	10.0		102	66.3-119				
2-Hexanone	10.8		"	10.0		108	70-130				
4-Chlorotoluene	10.4		"	10.0		104	69.2-127				
Acetone	9.83		"	10.0		98.3	70-130				
Benzene	10.7		"	10.0		107	76.2-129				
Bromobenzene	10.5		"	10.0		105	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	11.0		"	10.0		110	79.7-134				
Bromoform	11.3		"	10.0		113	70.5-141				
Bromomethane	14.2		"	10.0		142	43.9-147				
Carbon tetrachloride	11.0		"	10.0		110	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS (BD31361-BS1)									Prepared & Analyzed: 04/29/2013		
Chloroethane	8.72		ug/L	10.0		87.2	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	9.79		"	10.0		97.9	48.8-115				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	75.1-128				
cis-1,3-Dichloropropylene	11.3		"	10.0		113	74.5-128				
Dibromochloromethane	11.2		"	10.0		112	79.8-134				
Dibromomethane	10.6		"	10.0		106	79-130				
Dichlorodifluoromethane	8.78		"	10.0		87.8	47.1-101				
Ethyl Benzene	10.7		"	10.0		107	80.8-128				
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128				
Isopropylbenzene	10.5		"	10.0		105	75.5-135				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	65.1-140				
Methylene chloride	11.8		"	10.0		118	61.3-120				
Naphthalene	10.5		"	10.0		105	62.3-148				
n-Butylbenzene	10.3		"	10.0		103	67.2-123				
n-Propylbenzene	10.7		"	10.0		107	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	21.1		"	20.0		106	77.7-127				
p-Isopropyltoluene	10.6		"	10.0		106	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	8.80		"	10.0		88.0	77.8-123				
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	9.93		"	10.0		99.3	63.6-167				
Toluene	10.4		"	10.0		104	77-123				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	72.5-137				
Trichloroethylene	10.6		"	10.0		106	77.9-130				
Trichlorofluoromethane	9.52		"	10.0		95.2	57.4-133				
Vinyl Chloride	9.16		"	10.0		91.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS Dup (BD31361-BSD1)								Prepared & Analyzed: 04/29/2013			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		3.34	21.1	
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137		5.27	19.7	
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	71.3-131		5.62	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.01		"	10.0		90.1	71.1-129		4.45	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		6.27	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		6.88	20.6	
1,1-Dichloroethylene	8.66		"	10.0		86.6	80.2-146		3.96	20	
1,1-Dichloropropylene	9.37		"	10.0		93.7	75-136		5.50	19.3	
1,2,3-Trichlorobenzene	11.4		"	10.0		114	66.1-136		8.02	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		0.396	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		8.77	21.7	
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	75.3-135		3.05	18.8	
1,2-Dibromo-3-chloropropane	7.73		"	10.0		77.3	58.9-140		7.35	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		4.40	23	
1,2-Dichlorobenzene	9.39		"	10.0		93.9	76.1-122		4.07	19.8	
1,2-Dichloroethane	9.47		"	10.0		94.7	74.6-132		7.91	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		0.289	20.7	
1,3,5-Trimethylbenzene	9.61		"	10.0		96.1	70.6-127		2.97	18.9	
1,3-Dichlorobenzene	9.77		"	10.0		97.7	77-124		3.22	19.2	
1,3-Dichloropropane	9.98		"	10.0		99.8	75.8-126		4.03	22.1	
1,4-Dichlorobenzene	9.61		"	10.0		96.1	76.6-125		7.12	18.6	
2,2-Dichloropropane	8.97		"	10.0		89.7	69-133		5.32	19.8	
2-Chlorotoluene	9.73		"	10.0		97.3	66.3-119		4.62	21.6	
2-Hexanone	10.1		"	10.0		101	70-130		6.40	30	
4-Chlorotoluene	9.97		"	10.0		99.7	69.2-127		4.03	19	
Acetone	9.06		"	10.0		90.6	70-130		8.15	30	
Benzene	10.2		"	10.0		102	76.2-129		4.98	19	
Bromobenzene	9.90		"	10.0		99.0	71.3-123		5.50	20.3	
Bromochloromethane	9.90		"	10.0		99.0	70.8-137		5.02	23.9	
Bromodichloromethane	10.7		"	10.0		107	79.7-134		3.31	21	
Bromoform	10.6		"	10.0		106	70.5-141		6.49	21.8	
Bromomethane	13.7		"	10.0		137	43.9-147		3.52	28.4	
Carbon tetrachloride	10.5		"	10.0		105	78.1-138		4.18	20.1	
Chlorobenzene	9.90		"	10.0		99.0	80.4-125		2.99	19.9	
Chloroethane	8.40		"	10.0		84.0	55.8-140		3.74	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		4.77	20.3	
Chloromethane	9.31		"	10.0		93.1	48.8-115		5.03	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		5.90	20.5	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	74.5-128		3.62	19.9	
Dibromochloromethane	10.7		"	10.0		107	79.8-134		4.38	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		3.83	22.4	
Dichlorodifluoromethane	8.23		"	10.0		82.3	47.1-101		6.47	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		3.23	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		3.31	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		2.81	20	
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	65.1-140		10.6	23.6	
Methylene chloride	11.2		"	10.0		112	61.3-120		4.95	20.4	
Naphthalene	9.90		"	10.0		99.0	62.3-148		5.88	27.1	
n-Butylbenzene	9.82		"	10.0		98.2	67.2-123		4.67	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		3.53	23.4	
o-Xylene	9.76		"	10.0		97.6	75.9-122		3.62	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS Dup (BD31361-BSD1)								Prepared & Analyzed: 04/29/2013			
p- & m- Xylenes	20.4		ug/L	20.0		102	77.7-127		3.42	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		3.75	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		2.87	18.9	
Styrene	8.81		"	10.0		88.1	77.8-123		0.114	20.9	
tert-Butylbenzene	9.89		"	10.0		98.9	75.9-151		6.55	20.9	
Tetrachloroethylene	9.72		"	10.0		97.2	63.6-167		2.14	27.7	
Toluene	10.0		"	10.0		100	77-123		3.73	18.7	
trans-1,2-Dichloroethylene	9.32		"	10.0		93.2	76.3-139		7.14	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		3.72	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		4.91	20.5	
Trichlorofluoromethane	9.35		"	10.0		93.5	57.4-133		1.80	21.4	
Vinyl Chloride	8.77		"	10.0		87.7	54.9-124		4.35	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
Batch BD31393 - EPA 5030B											
Blank (BD31393-BLK1)								Prepared & Analyzed: 04/30/2013			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
Blank (BD31393-BLK1)											
Prepared & Analyzed: 04/30/2013											
Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.7	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.4*		*"*	*10.0*		*124*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
LCS (BD31393-BS1)								Prepared & Analyzed: 04/30/2013			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33		"	10.0		93.3	71.1-129				
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129				
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132				
1,1-Dichloroethylene	9.57		"	10.0		95.7	80.2-146				
1,1-Dichloropropylene	9.78		"	10.0		97.8	75-136				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	12.1		"	10.0		121	63-131				
1,2,4-Trichlorobenzene	9.76		"	10.0		97.6	70.6-136				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	75.3-135				
1,2-Dibromo-3-chloropropane	13.2		"	10.0		132	58.9-140				
1,2-Dibromoethane	10.7		"	10.0		107	79-130				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	76.1-122				
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132				
1,2-Dichloropropane	9.85		"	10.0		98.5	76.9-129				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70.6-127				
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124				
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126				
1,4-Dichlorobenzene	10.1		"	10.0		101	76.6-125				
2,2-Dichloropropane	10.7		"	10.0		107	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	10.0		"	10.0		100	70-130				
4-Chlorotoluene	11.2		"	10.0		112	69.2-127				
Acetone	7.84		"	10.0		78.4	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	11.0		"	10.0		110	71.3-123				
Bromochloromethane	11.3		"	10.0		113	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	10.1		"	10.0		101	70.5-141				
Bromomethane	3.97		"	10.0		39.7	43.9-147	Low Bias			
Carbon tetrachloride	10.0		"	10.0		100	78.1-138				
Chlorobenzene	9.97		"	10.0		99.7	80.4-125				
Chloroethane	8.04		"	10.0		80.4	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	3.84		"	10.0		38.4	48.8-115	Low Bias			
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128				
Dibromochloromethane	10.7		"	10.0		107	79.8-134				
Dibromomethane	11.2		"	10.0		112	79-130				
Dichlorodifluoromethane	2.13		"	10.0		21.3	47.1-101	Low Bias			
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128				
Isopropylbenzene	10.9		"	10.0		109	75.5-135				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140				
Methylene chloride	11.6		"	10.0		116	61.3-120				
Naphthalene	9.49		"	10.0		94.9	62.3-148				
n-Butylbenzene	10.8		"	10.0		108	67.2-123				
n-Propylbenzene	10.9		"	10.0		109	70.5-127				
o-Xylene	9.90		"	10.0		99.0	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BD31393 - EPA 5030B

LCS (BD31393-BS1) Prepared & Analyzed: 04/30/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
p- & m- Xylenes	20.8		ug/L	20.0		104	77.7-127				
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129				
sec-Butylbenzene	11.0		"	10.0		110	71.5-125				
Styrene	10.0		"	10.0		100	77.8-123				
tert-Butylbenzene	11.1		"	10.0		111	75.9-151				
Tetrachloroethylene	9.80		"	10.0		98.0	63.6-167				
Toluene	10.2		"	10.0		102	77-123				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	7.92		"	10.0		79.2	57.4-133				
Vinyl Chloride	5.40		"	10.0		54.0	54.9-124	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

LCS Dup (BD31393-BSD1) Prepared & Analyzed: 04/30/2013

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		2.97	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		1.67	19.7	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	71.3-131		2.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12		"	10.0		91.2	71.1-129		2.28	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		2.27	20.3	
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132		3.72	20.6	
1,1-Dichloroethylene	9.01		"	10.0		90.1	80.2-146		6.03	20	
1,1-Dichloropropylene	9.94		"	10.0		99.4	75-136		1.62	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	66.1-136		5.15	21.6	
1,2,3-Trichloropropane	14.2		"	10.0		142	63-131	High Bias	16.5	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		10.4	21.7	
1,2,4-Trimethylbenzene	12.0		"	10.0		120	75.3-135		7.68	18.8	
1,2-Dibromo-3-chloropropane	14.4		"	10.0		144	58.9-140	High Bias	9.42	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		5.97	23	
1,2-Dichlorobenzene	10.8		"	10.0		108	76.1-122		8.39	19.8	
1,2-Dichloroethane	9.92		"	10.0		99.2	74.6-132		7.75	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		7.71	20.7	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	70.6-127		8.15	18.9	
1,3-Dichlorobenzene	11.1		"	10.0		111	77-124		6.79	19.2	
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126		0.695	22.1	
1,4-Dichlorobenzene	11.7		"	10.0		117	76.6-125		14.8	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		3.61	19.8	
2-Chlorotoluene	12.0		"	10.0		120	66.3-119	High Bias	12.2	21.6	
2-Hexanone	10.9		"	10.0		109	70-130		8.41	30	
4-Chlorotoluene	12.6		"	10.0		126	69.2-127		11.5	19	
Acetone	7.39		"	10.0		73.9	70-130		5.91	30	
Benzene	10.1		"	10.0		101	76.2-129		4.47	19	
Bromobenzene	11.7		"	10.0		117	71.3-123		6.44	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		8.49	23.9	
Bromodichloromethane	10.5		"	10.0		105	79.7-134		2.50	21	
Bromoform	11.1		"	10.0		111	70.5-141		9.71	21.8	
Bromomethane	4.01		"	10.0		40.1	43.9-147	Low Bias	1.00	28.4	
Carbon tetrachloride	10.2		"	10.0		102	78.1-138		1.58	20.1	
Chlorobenzene	10.5		"	10.0		105	80.4-125		5.27	19.9	
Chloroethane	7.99		"	10.0		79.9	55.8-140		0.624	23.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
LCS Dup (BD31393-BSD1)								Prepared & Analyzed: 04/30/2013			
Chloroform	10.5		ug/L	10.0		105	76.6-133		1.60	20.3	
Chloromethane	3.70		"	10.0		37.0	48.8-115	Low Bias	3.71	24.5	
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	75.1-128		5.94	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		0.894	19.9	
Dibromochloromethane	11.3		"	10.0		113	79.8-134		5.18	21.3	
Dibromomethane	11.6		"	10.0		116	79-130		3.49	22.4	
Dichlorodifluoromethane	2.19		"	10.0		21.9	47.1-101	Low Bias	2.78	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		4.69	19.2	
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128		14.0	20.6	
Isopropylbenzene	11.9		"	10.0		119	75.5-135		8.86	20	
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	65.1-140		8.51	23.6	
Methylene chloride	11.4		"	10.0		114	61.3-120		1.65	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		15.6	27.1	
n-Butylbenzene	12.1		"	10.0		121	67.2-123		11.5	19.1	
n-Propylbenzene	11.9		"	10.0		119	70.5-127		8.41	23.4	
o-Xylene	10.2		"	10.0		102	75.9-122		3.08	19.3	
p- & m- Xylenes	22.0		"	20.0		110	77.7-127		5.23	18.6	
p-Isopropyltoluene	12.1		"	10.0		121	75.6-129		11.1	19.1	
sec-Butylbenzene	12.6		"	10.0		126	71.5-125	High Bias	13.7	18.9	
Styrene	10.4		"	10.0		104	77.8-123		4.11	20.9	
tert-Butylbenzene	12.5		"	10.0		125	75.9-151		11.7	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		3.41	27.7	
Toluene	10.6		"	10.0		106	77-123		4.13	18.7	
trans-1,2-Dichloroethylene	9.51		"	10.0		95.1	76.3-139		5.92	19.5	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137		3.13	19.3	
Trichloroethylene	11.4		"	10.0		114	77.9-130		10.2	20.5	
Trichlorofluoromethane	7.99		"	10.0		79.9	57.4-133		0.880	21.4	
Vinyl Chloride	5.24		"	10.0		52.4	54.9-124	Low Bias	3.01	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.12*		*"*	*10.0*		*91.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0931-01	WQ042313:840FRW1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0931-02	WQ042313:906FRW2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0931-03	WQ042313:1036FRW3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0931-04	WQ042313:1106FRW4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13D0931

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
	Company: Same	Company: Same		RUSH Two Day	CT RCP Pkg
Phone no.: 203-929-8555	Address:	Address:	Purchase Order no.	RUSH Three Day	ASP A Pkg
Contact Person Tunde Sandor			NABSAG	RUSH Four Day	ASP B Pkg x, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		Standard (5-7 days) x	Excel
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	OTHER	EDD x, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT / EVAN FOSTER
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters			Special Instructions
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color	Field Filtered ☐
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols	Lab to Filter ☐
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met CN	Ignitability	TKN	Cyanide-T	
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A	
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5	
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5	
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28	
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD	
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS	
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids	
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS	
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH - IR	

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ042313 840 FRW1	4/23/13 840	GW	VOC 8260 full list (EPA SW846-8260B)	3V
WQ042313 906 FRW2	906	GW	VOC 8260 full list (EPA SW846-8260B)	3V
WQ042313 1036 FRW3	1036	GW	VOC 8260 full list (EPA SW846-8260B)	3V
WQ042313 1106 FRW4	1103	GW	VOC 8260 full list (EPA SW846-8260B)	3V
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	VOC 8260 full list (EPA SW846-8260B)	

Comments

Preservation "X" those applicable: Cool 4°C____ HNO3____ H2SO4____ NaOH____ NONE____ FROZEN____

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	4/24/13 1650	Fridge	4/25/13 1130 4/24/13 1650
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Grace	4/25/13 1415

Temperature on Receipt 3.8 °C

APPENDIX III
APRIL 2013 LABORATORY ANALYTICAL REPORTS
FOR MONITOR WELLS

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 05/01/2013
Client Project ID: ROWE INDUSTRIES
York Project (SDG) No.: 13D0933

Report Date: 05/01/2013
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Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 25, 2013 and listed below. The project was identified as your project: **ROWE INDUSTRIES**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0933-01	MW45A	Water	04/23/2013	04/25/2013
13D0933-02	MW45B	Water	04/23/2013	04/25/2013
13D0933-03	MW9804	Water	04/23/2013	04/25/2013
13D0933-04	MW9805A	Water	04/23/2013	04/25/2013
13D0933-05	MW9805B	Water	04/23/2013	04/25/2013

General Notes for York Project (SDG) No.: 13D0933

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/01/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: MW45A

York Sample ID: 13D0933-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:15 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS

Sample Information

Client Sample ID: MW45A

York Sample ID: 13D0933-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:15 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-09-2	Methylene chloride	**1.6**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 06:38	SS

Sample Information

Client Sample ID: MW45A **York Sample ID:** 13D0933-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:15 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*		*72.6-129*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*		*63.5-145*							
2037-26-5	*Surrogate: Toluene-d8*	*101 %*		*81.2-127*							

Sample Information

Client Sample ID: MW45B **York Sample ID:** 13D0933-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 8:50 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS

Sample Information

Client Sample ID: MW45B

York Sample ID: 13D0933-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 8:50 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-09-2	Methylene chloride	**1.3**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS

Sample Information

Client Sample ID: **MW45B** **York Sample ID:** **13D0933-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 8:50 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
79-01-6	Trichloroethylene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: **MW9804** **York Sample ID:** **13D0933-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:50 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
71-55-6	1,1,1-Trichloroethane	**4.2**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
75-34-3	1,1-Dichloroethane	**0.37**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS

Sample Information

Client Sample ID: MW9804 **York Sample ID:** 13D0933-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:50 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
67-64-1	Acetone	ND		ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
71-43-2	Benzene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
156-59-2	cis-1,2-Dichloroethylene	**7.0**		ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS

Sample Information

Client Sample ID: **MW9804** **York Sample ID:** **13D0933-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:50 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
127-18-4	Tetrachloroethylene	**310**		ug/L	0.70	5.0	10	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 15:51	SS
108-88-3	Toluene	ND		ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
79-01-6	Trichloroethylene	**8.5**		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 07:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: **MW9805A** **York Sample ID:** **13D0933-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:31 am	04/25/2013

Sample Information

Client Sample ID: **MW9805A** **York Sample ID:** **13D0933-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:31 am	04/25/2013

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
71-55-6	1,1,1-Trichloroethane	**0.67**		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11:	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-34-3	1,1-Dichloroethane	**1.4**		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-35-4	1,1-Dichloroethylene	**0.14**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
67-64-1	Acetone	**15**	B	ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
71-43-2	Benzene	**0.33**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS

Sample Information

Client Sample ID: **MW9805A** **York Sample ID:** **13D0933-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:31 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
156-59-2	cis-1,2-Dichloroethylene	**160**		ug/L	0.34	2.5	5	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 16:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
100-41-4	Ethyl Benzene	**0.11**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-09-2	Methylene chloride	**1.0**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
179601-23-1	p- & m- Xylenes	**0.11**	J	ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
127-18-4	Tetrachloroethylene	**8.4**		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
108-88-3	Toluene	**0.34**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
156-60-5	trans-1,2-Dichloroethylene	**0.19**	J	ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
79-01-6	Trichloroethylene	**3.7**		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 08:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*

Sample Information

Client Sample ID: MW9805A **York Sample ID:** 13D0933-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 9:31 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*			*63.5-145*						
2037-26-5	*Surrogate: Toluene-d8*	*102 %*			*81.2-127*						

Sample Information

Client Sample ID: MW9805B **York Sample ID:** 13D0933-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 10:03 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.024	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.11	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.17	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.11	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.46	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.15	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.059	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.048	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS

Sample Information

Client Sample ID: **MW9805B** **York Sample ID:** **13D0933-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 10:03 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/L	0.084	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
591-78-6	2-Hexanone	ND		ug/L	0.24	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
67-64-1	Acetone	**2.0**	B	ug/L	0.90	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
71-43-2	Benzene	**0.42**	J	ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
108-86-1	Bromobenzene	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-25-2	Bromoform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-00-3	Chloroethane	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
67-66-3	Chloroform	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
74-87-3	Chloromethane	ND		ug/L	0.076	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
156-59-2	cis-1,2-Dichloroethylene	**0.49**	J	ug/L	0.069	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.053	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.48	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-09-2	Methylene chloride	**1.2**	J, B	ug/L	0.26	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
91-20-3	Naphthalene	ND		ug/L	0.090	2.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.083	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.068	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
95-47-6	o-Xylene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.090	1.0	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS

Sample Information

Client Sample ID: **MW9805B** **York Sample ID:** **13D0933-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0933	ROWE INDUSTRIES	Water	April 23, 2013 10:03 am	04/25/2013

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
127-18-4	Tetrachloroethylene	**0.30**	J	ug/L	0.070	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
108-88-3	Toluene	**0.25**	J	ug/L	0.042	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.085	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
79-01-6	Trichloroethylene	**0.75**		ug/L	0.071	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.062	0.50	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	04/29/2013 09:50	04/30/2013 09:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*110 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Analytical Batch Summary

Batch ID: BD31361 **Preparation Method:** EPA 5030B **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13D0933-01	MW45A	04/29/13
13D0933-02	MW45B	04/29/13
13D0933-03	MW9804	04/29/13
13D0933-04	MW9805A	04/29/13
13D0933-05	MW9805B	04/29/13
BD31361-BLK1	Blank	04/29/13
BD31361-BS1	LCS	04/29/13
BD31361-BSD1	LCS Dup	04/29/13

Batch ID: BD31393 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13D0933-03RE1	MW9804	04/30/13
13D0933-04RE1	MW9805A	04/30/13
BD31393-BLK1	Blank	04/30/13
BD31393-BS1	LCS	04/30/13
BD31393-BSD1	LCS Dup	04/30/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
Blank (BD31361-BLK1)											Prepared & Analyzed: 04/29/2013
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.9	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.9	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
Blank (BD31361-BLK1)									Prepared & Analyzed: 04/29/2013		
p- & m- Xylenes	ND	1.0	ug/L								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
LCS (BD31361-BS1)									Prepared & Analyzed: 04/29/2013		
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130				
1,1,1-Trichloroethane	11.1		"	10.0		111	75.6-137				
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.42		"	10.0		94.2	71.1-129				
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129				
1,1-Dichloroethane	10.8		"	10.0		108	79.6-132				
1,1-Dichloroethylene	9.01		"	10.0		90.1	80.2-146				
1,1-Dichloropropylene	9.90		"	10.0		99.0	75-136				
1,2,3-Trichlorobenzene	12.3		"	10.0		123	66.1-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131				
1,2,4-Trichlorobenzene	12.4		"	10.0		124	70.6-136				
1,2,4-Trimethylbenzene	9.65		"	10.0		96.5	75.3-135				
1,2-Dibromo-3-chloropropane	8.32		"	10.0		83.2	58.9-140				
1,2-Dibromoethane	10.9		"	10.0		109	79-130				
1,2-Dichlorobenzene	9.78		"	10.0		97.8	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	9.90		"	10.0		99.0	70.6-127				
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124				
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	9.46		"	10.0		94.6	69-133				
2-Chlorotoluene	10.2		"	10.0		102	66.3-119				
2-Hexanone	10.8		"	10.0		108	70-130				
4-Chlorotoluene	10.4		"	10.0		104	69.2-127				
Acetone	9.83		"	10.0		98.3	70-130				
Benzene	10.7		"	10.0		107	76.2-129				
Bromobenzene	10.5		"	10.0		105	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	11.0		"	10.0		110	79.7-134				
Bromoform	11.3		"	10.0		113	70.5-141				
Bromomethane	14.2		"	10.0		142	43.9-147				
Carbon tetrachloride	11.0		"	10.0		110	78.1-138				
Chlorobenzene	10.2		"	10.0		102	80.4-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS (BD31361-BS1)									Prepared & Analyzed: 04/29/2013		
Chloroethane	8.72		ug/L	10.0		87.2	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	9.79		"	10.0		97.9	48.8-115				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	75.1-128				
cis-1,3-Dichloropropylene	11.3		"	10.0		113	74.5-128				
Dibromochloromethane	11.2		"	10.0		112	79.8-134				
Dibromomethane	10.6		"	10.0		106	79-130				
Dichlorodifluoromethane	8.78		"	10.0		87.8	47.1-101				
Ethyl Benzene	10.7		"	10.0		107	80.8-128				
Hexachlorobutadiene	10.4		"	10.0		104	64.8-128				
Isopropylbenzene	10.5		"	10.0		105	75.5-135				
Methyl tert-butyl ether (MTBE)	10.3		"	10.0		103	65.1-140				
Methylene chloride	11.8		"	10.0		118	61.3-120				
Naphthalene	10.5		"	10.0		105	62.3-148				
n-Butylbenzene	10.3		"	10.0		103	67.2-123				
n-Propylbenzene	10.7		"	10.0		107	70.5-127				
o-Xylene	10.1		"	10.0		101	75.9-122				
p- & m- Xylenes	21.1		"	20.0		106	77.7-127				
p-Isopropyltoluene	10.6		"	10.0		106	75.6-129				
sec-Butylbenzene	10.6		"	10.0		106	71.5-125				
Styrene	8.80		"	10.0		88.0	77.8-123				
tert-Butylbenzene	10.6		"	10.0		106	75.9-151				
Tetrachloroethylene	9.93		"	10.0		99.3	63.6-167				
Toluene	10.4		"	10.0		104	77-123				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	76.3-139				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	72.5-137				
Trichloroethylene	10.6		"	10.0		106	77.9-130				
Trichlorofluoromethane	9.52		"	10.0		95.2	57.4-133				
Vinyl Chloride	9.16		"	10.0		91.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.99*		*"*	*10.0*		*99.9*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS Dup (BD31361-BSD1)							Prepared & Analyzed: 04/29/2013				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		3.34	21.1	
1,1,1-Trichloroethane	10.5		"	10.0		105	75.6-137		5.27	19.7	
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	71.3-131		5.62	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.01		"	10.0		90.1	71.1-129		4.45	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		6.27	20.3	
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132		6.88	20.6	
1,1-Dichloroethylene	8.66		"	10.0		86.6	80.2-146		3.96	20	
1,1-Dichloropropylene	9.37		"	10.0		93.7	75-136		5.50	19.3	
1,2,3-Trichlorobenzene	11.4		"	10.0		114	66.1-136		8.02	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		0.396	23.9	
1,2,4-Trichlorobenzene	11.3		"	10.0		113	70.6-136		8.77	21.7	
1,2,4-Trimethylbenzene	9.36		"	10.0		93.6	75.3-135		3.05	18.8	
1,2-Dibromo-3-chloropropane	7.73		"	10.0		77.3	58.9-140		7.35	27.7	
1,2-Dibromoethane	10.4		"	10.0		104	79-130		4.40	23	
1,2-Dichlorobenzene	9.39		"	10.0		93.9	76.1-122		4.07	19.8	
1,2-Dichloroethane	9.47		"	10.0		94.7	74.6-132		7.91	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		0.289	20.7	
1,3,5-Trimethylbenzene	9.61		"	10.0		96.1	70.6-127		2.97	18.9	
1,3-Dichlorobenzene	9.77		"	10.0		97.7	77-124		3.22	19.2	
1,3-Dichloropropane	9.98		"	10.0		99.8	75.8-126		4.03	22.1	
1,4-Dichlorobenzene	9.61		"	10.0		96.1	76.6-125		7.12	18.6	
2,2-Dichloropropane	8.97		"	10.0		89.7	69-133		5.32	19.8	
2-Chlorotoluene	9.73		"	10.0		97.3	66.3-119		4.62	21.6	
2-Hexanone	10.1		"	10.0		101	70-130		6.40	30	
4-Chlorotoluene	9.97		"	10.0		99.7	69.2-127		4.03	19	
Acetone	9.06		"	10.0		90.6	70-130		8.15	30	
Benzene	10.2		"	10.0		102	76.2-129		4.98	19	
Bromobenzene	9.90		"	10.0		99.0	71.3-123		5.50	20.3	
Bromochloromethane	9.90		"	10.0		99.0	70.8-137		5.02	23.9	
Bromodichloromethane	10.7		"	10.0		107	79.7-134		3.31	21	
Bromoform	10.6		"	10.0		106	70.5-141		6.49	21.8	
Bromomethane	13.7		"	10.0		137	43.9-147		3.52	28.4	
Carbon tetrachloride	10.5		"	10.0		105	78.1-138		4.18	20.1	
Chlorobenzene	9.90		"	10.0		99.0	80.4-125		2.99	19.9	
Chloroethane	8.40		"	10.0		84.0	55.8-140		3.74	23.3	
Chloroform	10.2		"	10.0		102	76.6-133		4.77	20.3	
Chloromethane	9.31		"	10.0		93.1	48.8-115		5.03	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		5.90	20.5	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	74.5-128		3.62	19.9	
Dibromochloromethane	10.7		"	10.0		107	79.8-134		4.38	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		3.83	22.4	
Dichlorodifluoromethane	8.23		"	10.0		82.3	47.1-101		6.47	23.9	
Ethyl Benzene	10.4		"	10.0		104	80.8-128		3.23	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		3.31	20.6	
Isopropylbenzene	10.2		"	10.0		102	75.5-135		2.81	20	
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	65.1-140		10.6	23.6	
Methylene chloride	11.2		"	10.0		112	61.3-120		4.95	20.4	
Naphthalene	9.90		"	10.0		99.0	62.3-148		5.88	27.1	
n-Butylbenzene	9.82		"	10.0		98.2	67.2-123		4.67	19.1	
n-Propylbenzene	10.3		"	10.0		103	70.5-127		3.53	23.4	
o-Xylene	9.76		"	10.0		97.6	75.9-122		3.62	19.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31361 - EPA 5030B											
LCS Dup (BD31361-BSD1)								Prepared & Analyzed: 04/29/2013			
p- & m- Xylenes	20.4		ug/L	20.0		102	77.7-127		3.42	18.6	
p-Isopropyltoluene	10.2		"	10.0		102	75.6-129		3.75	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		2.87	18.9	
Styrene	8.81		"	10.0		88.1	77.8-123		0.114	20.9	
tert-Butylbenzene	9.89		"	10.0		98.9	75.9-151		6.55	20.9	
Tetrachloroethylene	9.72		"	10.0		97.2	63.6-167		2.14	27.7	
Toluene	10.0		"	10.0		100	77-123		3.73	18.7	
trans-1,2-Dichloroethylene	9.32		"	10.0		93.2	76.3-139		7.14	19.5	
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137		3.72	19.3	
Trichloroethylene	10.1		"	10.0		101	77.9-130		4.91	20.5	
Trichlorofluoromethane	9.35		"	10.0		93.5	57.4-133		1.80	21.4	
Vinyl Chloride	8.77		"	10.0		87.7	54.9-124		4.35	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
Batch BD31393 - EPA 5030B											
Blank (BD31393-BLK1)								Prepared & Analyzed: 04/30/2013			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
Blank (BD31393-BLK1)											
Prepared & Analyzed: 04/30/2013											
Chlorobenzene	ND	0.50	ug/L								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.7	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*12.4*		*"*	*10.0*		*124*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
LCS (BD31393-BS1)								Prepared & Analyzed: 04/30/2013			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	10.7		"	10.0		107	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.33		"	10.0		93.3	71.1-129				
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129				
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132				
1,1-Dichloroethylene	9.57		"	10.0		95.7	80.2-146				
1,1-Dichloropropylene	9.78		"	10.0		97.8	75-136				
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	12.1		"	10.0		121	63-131				
1,2,4-Trichlorobenzene	9.76		"	10.0		97.6	70.6-136				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	75.3-135				
1,2-Dibromo-3-chloropropane	13.2		"	10.0		132	58.9-140				
1,2-Dibromoethane	10.7		"	10.0		107	79-130				
1,2-Dichlorobenzene	9.94		"	10.0		99.4	76.1-122				
1,2-Dichloroethane	10.7		"	10.0		107	74.6-132				
1,2-Dichloropropane	9.85		"	10.0		98.5	76.9-129				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70.6-127				
1,3-Dichlorobenzene	10.4		"	10.0		104	77-124				
1,3-Dichloropropane	10.1		"	10.0		101	75.8-126				
1,4-Dichlorobenzene	10.1		"	10.0		101	76.6-125				
2,2-Dichloropropane	10.7		"	10.0		107	69-133				
2-Chlorotoluene	10.6		"	10.0		106	66.3-119				
2-Hexanone	10.0		"	10.0		100	70-130				
4-Chlorotoluene	11.2		"	10.0		112	69.2-127				
Acetone	7.84		"	10.0		78.4	70-130				
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	11.0		"	10.0		110	71.3-123				
Bromochloromethane	11.3		"	10.0		113	70.8-137				
Bromodichloromethane	10.3		"	10.0		103	79.7-134				
Bromoform	10.1		"	10.0		101	70.5-141				
Bromomethane	3.97		"	10.0		39.7	43.9-147	Low Bias			
Carbon tetrachloride	10.0		"	10.0		100	78.1-138				
Chlorobenzene	9.97		"	10.0		99.7	80.4-125				
Chloroethane	8.04		"	10.0		80.4	55.8-140				
Chloroform	10.7		"	10.0		107	76.6-133				
Chloromethane	3.84		"	10.0		38.4	48.8-115	Low Bias			
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	10.1		"	10.0		101	74.5-128				
Dibromochloromethane	10.7		"	10.0		107	79.8-134				
Dibromomethane	11.2		"	10.0		112	79-130				
Dichlorodifluoromethane	2.13		"	10.0		21.3	47.1-101	Low Bias			
Ethyl Benzene	10.4		"	10.0		104	80.8-128				
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128				
Isopropylbenzene	10.9		"	10.0		109	75.5-135				
Methyl tert-butyl ether (MTBE)	10.0		"	10.0		100	65.1-140				
Methylene chloride	11.6		"	10.0		116	61.3-120				
Naphthalene	9.49		"	10.0		94.9	62.3-148				
n-Butylbenzene	10.8		"	10.0		108	67.2-123				
n-Propylbenzene	10.9		"	10.0		109	70.5-127				
o-Xylene	9.90		"	10.0		99.0	75.9-122				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
LCS (BD31393-BS1)							Prepared & Analyzed: 04/30/2013				
p- & m- Xylenes	20.8		ug/L	20.0		104	77.7-127				
p-Isopropyltoluene	10.8		"	10.0		108	75.6-129				
sec-Butylbenzene	11.0		"	10.0		110	71.5-125				
Styrene	10.0		"	10.0		100	77.8-123				
tert-Butylbenzene	11.1		"	10.0		111	75.9-151				
Tetrachloroethylene	9.80		"	10.0		98.0	63.6-167				
Toluene	10.2		"	10.0		102	77-123				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	10.3		"	10.0		103	77.9-130				
Trichlorofluoromethane	7.92		"	10.0		79.2	57.4-133				
Vinyl Chloride	5.40		"	10.0		54.0	54.9-124	Low Bias			
Surrogate: 1,2-Dichloroethane-d4	*10.2*		"	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.7*		"	*10.0*		*107*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		"	*10.0*		*102*	*81.2-127*				
LCS Dup (BD31393-BSD1)							Prepared & Analyzed: 04/30/2013				
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		2.97	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		1.67	19.7	
1,1,2,2-Tetrachloroethane	10.9		"	10.0		109	71.3-131		2.04	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12		"	10.0		91.2	71.1-129		2.28	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		2.27	20.3	
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132		3.72	20.6	
1,1-Dichloroethylene	9.01		"	10.0		90.1	80.2-146		6.03	20	
1,1-Dichloropropylene	9.94		"	10.0		99.4	75-136		1.62	19.3	
1,2,3-Trichlorobenzene	10.8		"	10.0		108	66.1-136		5.15	21.6	
1,2,3-Trichloropropane	14.2		"	10.0		142	63-131	High Bias	16.5	23.9	
1,2,4-Trichlorobenzene	10.8		"	10.0		108	70.6-136		10.4	21.7	
1,2,4-Trimethylbenzene	12.0		"	10.0		120	75.3-135		7.68	18.8	
1,2-Dibromo-3-chloropropane	14.4		"	10.0		144	58.9-140	High Bias	9.42	27.7	
1,2-Dibromoethane	10.1		"	10.0		101	79-130		5.97	23	
1,2-Dichlorobenzene	10.8		"	10.0		108	76.1-122		8.39	19.8	
1,2-Dichloroethane	9.92		"	10.0		99.2	74.6-132		7.75	20.2	
1,2-Dichloropropane	10.6		"	10.0		106	76.9-129		7.71	20.7	
1,3,5-Trimethylbenzene	11.9		"	10.0		119	70.6-127		8.15	18.9	
1,3-Dichlorobenzene	11.1		"	10.0		111	77-124		6.79	19.2	
1,3-Dichloropropane	10.0		"	10.0		100	75.8-126		0.695	22.1	
1,4-Dichlorobenzene	11.7		"	10.0		117	76.6-125		14.8	18.6	
2,2-Dichloropropane	10.3		"	10.0		103	69-133		3.61	19.8	
2-Chlorotoluene	12.0		"	10.0		120	66.3-119	High Bias	12.2	21.6	
2-Hexanone	10.9		"	10.0		109	70-130		8.41	30	
4-Chlorotoluene	12.6		"	10.0		126	69.2-127		11.5	19	
Acetone	7.39		"	10.0		73.9	70-130		5.91	30	
Benzene	10.1		"	10.0		101	76.2-129		4.47	19	
Bromobenzene	11.7		"	10.0		117	71.3-123		6.44	20.3	
Bromochloromethane	10.4		"	10.0		104	70.8-137		8.49	23.9	
Bromodichloromethane	10.5		"	10.0		105	79.7-134		2.50	21	
Bromoform	11.1		"	10.0		111	70.5-141		9.71	21.8	
Bromomethane	4.01		"	10.0		40.1	43.9-147	Low Bias	1.00	28.4	
Carbon tetrachloride	10.2		"	10.0		102	78.1-138		1.58	20.1	
Chlorobenzene	10.5		"	10.0		105	80.4-125		5.27	19.9	
Chloroethane	7.99		"	10.0		79.9	55.8-140		0.624	23.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD31393 - EPA 5030B											
LCS Dup (BD31393-BSD1)								Prepared & Analyzed: 04/30/2013			
Chloroform	10.5		ug/L	10.0		105	76.6-133		1.60	20.3	
Chloromethane	3.70		"	10.0		37.0	48.8-115	Low Bias	3.71	24.5	
cis-1,2-Dichloroethylene	9.97		"	10.0		99.7	75.1-128		5.94	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		0.894	19.9	
Dibromochloromethane	11.3		"	10.0		113	79.8-134		5.18	21.3	
Dibromomethane	11.6		"	10.0		116	79-130		3.49	22.4	
Dichlorodifluoromethane	2.19		"	10.0		21.9	47.1-101	Low Bias	2.78	23.9	
Ethyl Benzene	10.9		"	10.0		109	80.8-128		4.69	19.2	
Hexachlorobutadiene	11.7		"	10.0		117	64.8-128		14.0	20.6	
Isopropylbenzene	11.9		"	10.0		119	75.5-135		8.86	20	
Methyl tert-butyl ether (MTBE)	9.23		"	10.0		92.3	65.1-140		8.51	23.6	
Methylene chloride	11.4		"	10.0		114	61.3-120		1.65	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		15.6	27.1	
n-Butylbenzene	12.1		"	10.0		121	67.2-123		11.5	19.1	
n-Propylbenzene	11.9		"	10.0		119	70.5-127		8.41	23.4	
o-Xylene	10.2		"	10.0		102	75.9-122		3.08	19.3	
p- & m- Xylenes	22.0		"	20.0		110	77.7-127		5.23	18.6	
p-Isopropyltoluene	12.1		"	10.0		121	75.6-129		11.1	19.1	
sec-Butylbenzene	12.6		"	10.0		126	71.5-125	High Bias	13.7	18.9	
Styrene	10.4		"	10.0		104	77.8-123		4.11	20.9	
tert-Butylbenzene	12.5		"	10.0		125	75.9-151		11.7	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		3.41	27.7	
Toluene	10.6		"	10.0		106	77-123		4.13	18.7	
trans-1,2-Dichloroethylene	9.51		"	10.0		95.1	76.3-139		5.92	19.5	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137		3.13	19.3	
Trichloroethylene	11.4		"	10.0		114	77.9-130		10.2	20.5	
Trichlorofluoromethane	7.99		"	10.0		79.9	57.4-133		0.880	21.4	
Vinyl Chloride	5.24		"	10.0		52.4	54.9-124	Low Bias	3.01	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.12*		*"*	*10.0*		*91.2*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*11.7*		*"*	*10.0*		*117*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13D0933-01	MW45A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0933-02	MW45B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0933-03	MW9804	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0933-04	MW9805A	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13D0933-05	MW9805B	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13D0933

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
	Company: Same	Company: Same		RUSH Two Day	CT RCP Pkg
Phone no.: 203-929-8555	Address:	Address:	Purchase Order no.	RUSH Three Day	ASP A Pkg
Contact Person Tunde Sandor			NABSAG	RUSH Four Day	ASP B Pkg x, pdf
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		Standard (5-7 days) X	Excel
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	OTHER	EDD x, Excel

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT / EVAN FOSTER
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met.CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygerates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Ni, Mn, Ag, etc	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW45A	4/23/13 915	GW	VOC 8260 full list (EPA SW846-8260B)	3V
MW45B	850	GW	VOC 8260 full list (EPA SW846-8260B)	3V
MW804	950	GW	VOC 8260 full list (EPA SW846-8260B)	3V
MW805A	931	GW	VOC 8260 full list (EPA SW846-8260B)	3V
MW805B	1003	GW	VOC 8260 full list (EPA SW846-8260B)	3V
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	
		~~GW~~	~~VOC 8260 full list (EPA SW846-8260B)~~	

Comments

Preservation "X" those applicable

Cool 4°C ___ HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Samples Relinquished By — Date/Time: 4/24/13 1650
Samples Received By: Fridge — Date/Time: 4/24/13 1650
Samples Relinquished By — Date/Time:
Samples Received in LAB by: Grace — Date/Time: 4/25/13 1415

Temperature on Receipt: 3.8 °C

APPENDIX IV
APRIL 2013 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 05/02/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13D0912

Report Date: 05/02/2013
Client Project ID: Rowe Industries
York Project (SDG) No.: 13D0912

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 25, 2013 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
13D0912-01	AQ042213:1600NP4-1	Vapor Extraction	04/22/2013	04/25/2013
13D0912-02	AQ042213:1605NP4-2	Vapor Extraction	04/22/2013	04/25/2013
13D0912-03	AQ042213:1610NP4-3	Vapor Extraction	04/22/2013	04/25/2013

General Notes for York Project (SDG) No.: 13D0912

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/02/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: AQ042213:1600NP4-1 **York Sample ID:** 13D0912-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0912	Rowe Industries	Vapor Extraction	April 22, 2013 4:00 pm	04/25/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.44	0.44	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.60	0.60	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.46	0.46	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.78	0.78	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.68	0.68	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
108-88-3	Toluene	**1.3**		ug/m³	0.64	0.64	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.50	0.50	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
127-18-4	Tetrachloroethylene	**6.6**		ug/m³	1.2	1.2	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
100-42-5	Styrene	ND		ug/m³	0.73	0.73	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
115-07-01	Propylene	ND		ug/m³	0.29	0.29	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.2	4.2	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
179601-23-1	p- & m- Xylenes	**2.2**		ug/m³	0.74	0.74	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
95-47-6	o-Xylene	ND		ug/m³	0.74	0.74	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
110-54-3	n-Hexane	**1.6**		ug/m³	0.60	0.60	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
142-82-5	n-Heptane	ND		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
75-09-2	Methylene chloride	**2.6**	B	ug/m³	0.59	0.59	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.61	0.61	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
67-63-0	Isopropanol	**4.3**		ug/m³	0.42	0.42	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.74	0.74	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.62	0.62	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
110-82-7	Cyclohexane	ND		ug/m³	0.59	0.59	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.78	0.78	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.68	0.68	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
74-87-3	Chloromethane	ND		ug/m³	0.35	0.35	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
67-66-3	Chloroform	ND		ug/m³	0.83	0.83	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
75-00-3	Chloroethane	ND		ug/m³	0.45	0.45	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.54	0.54	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
75-15-0	Carbon disulfide	**4.3**		ug/m³	0.53	0.53	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
74-83-9	Bromomethane	ND		ug/m³	0.66	0.66	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD

Sample Information

Client Sample ID: AQ042213:1600NP4-1 **York Sample ID:** 13D0912-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0912	Rowe Industries	Vapor Extraction	April 22, 2013 4:00 pm	04/25/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.88	0.88	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
71-43-2	Benzene	**1.4**		ug/m³	0.55	0.55	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
67-64-1	Acetone	**6.9**		ug/m³	0.41	0.41	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
591-78-6	2-Hexanone	ND		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
78-93-3	2-Butanone	**1.9**		ug/m³	0.50	0.50	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.62	0.62	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.74	0.74	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.84	0.84	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.79	0.79	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.69	0.69	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.84	0.84	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.68	0.68	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.69	0.69	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.96	0.96	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.93	0.93	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.3	1.3	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.93	0.93	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
75-71-8	Dichlorodifluoromethane	**3.0**		ug/m³	0.84	0.84	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.70	0.70	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.79	0.79	1.68	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 19:20	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*70-130*

Sample Information

Client Sample ID: AQ042213:1605NP4-2 **York Sample ID:** 13D0912-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0912	Rowe Industries	Vapor Extraction	April 22, 2013 4:05 pm	04/25/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.46	0.46	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.64	0.64	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
79-01-6	Trichloroethylene	**0.97**		ug/m³	0.49	0.49	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.82	0.82	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.72	0.72	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
108-88-3	Toluene	**1.4**		ug/m³	0.68	0.68	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.53	0.53	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
127-18-4	Tetrachloroethylene	**37**		ug/m³	1.2	1.2	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
100-42-5	Styrene	ND		ug/m³	0.77	0.77	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
115-07-01	Propylene	ND		ug/m³	0.31	0.31	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.5	4.5	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
179601-23-1	p- & m- Xylenes	**1.7**		ug/m³	0.79	0.79	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
95-47-6	o-Xylene	ND		ug/m³	0.79	0.79	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
110-54-3	n-Hexane	**5.6**		ug/m³	0.64	0.64	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
142-82-5	n-Heptane	ND		ug/m³	0.74	0.74	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-09-2	Methylene chloride	**2.6**	B	ug/m³	0.63	0.63	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	**1.2**		ug/m³	0.65	0.65	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.74	0.74	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
67-63-0	Isopropanol	ND		ug/m³	0.45	0.45	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.79	0.79	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.65	0.65	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
110-82-7	Cyclohexane	ND		ug/m³	0.62	0.62	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.82	0.82	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
156-59-2	cis-1,2-Dichloroethylene	**1.1**		ug/m³	0.72	0.72	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
74-87-3	Chloromethane	ND		ug/m³	0.37	0.37	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
67-66-3	Chloroform	**2.2**		ug/m³	0.88	0.88	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-00-3	Chloroethane	ND		ug/m³	0.48	0.48	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.57	0.57	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-15-0	Carbon disulfide	**4.2**		ug/m³	0.56	0.56	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
74-83-9	Bromomethane	ND		ug/m³	0.70	0.70	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-25-2	Bromoform	ND		ug/m³	1.9	1.9	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD

Sample Information

Client Sample ID: AQ042213:1605NP4-2 **York Sample ID:** 13D0912-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0912	Rowe Industries	Vapor Extraction	April 22, 2013 4:05 pm	04/25/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-44-7	Benzyl chloride	ND		ug/m³	0.94	0.94	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
71-43-2	Benzene	**0.87**		ug/m³	0.58	0.58	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
67-64-1	Acetone	**12**		ug/m³	0.43	0.43	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
591-78-6	2-Hexanone	ND		ug/m³	0.74	0.74	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
78-93-3	2-Butanone	**2.7**		ug/m³	0.53	0.53	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.65	0.65	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.79	0.79	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.89	0.89	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.3	1.3	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.84	0.84	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.73	0.73	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.89	0.89	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.72	0.72	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-34-3	1,1-Dichloroethane	**2.2**		ug/m³	0.73	0.73	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	1.0	1.0	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.99	0.99	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.4	1.4	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
71-55-6	1,1,1-Trichloroethane	**9.4**		ug/m³	0.99	0.99	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
75-71-8	Dichlorodifluoromethane	**2.7**		ug/m³	0.90	0.90	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.74	0.74	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.83	0.83	1.781	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 20:55	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.5 %*	*70-130*

Sample Information

Client Sample ID: AQ042213:1610NP4-3 **York Sample ID:** 13D0912-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0912	Rowe Industries	Vapor Extraction	April 22, 2013 4:10 pm	04/25/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.45	0.45	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.62	0.62	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.47	0.47	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.80	0.80	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.70	0.70	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
108-88-3	Toluene	ND		ug/m³	0.66	0.66	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.52	0.52	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	1.2	1.2	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
100-42-5	Styrene	ND		ug/m³	0.75	0.75	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
115-07-01	Propylene	ND		ug/m³	0.30	0.30	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	4.3	4.3	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.76	0.76	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
95-47-6	o-Xylene	ND		ug/m³	0.76	0.76	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
110-54-3	n-Hexane	ND		ug/m³	0.62	0.62	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
142-82-5	n-Heptane	ND		ug/m³	0.72	0.72	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
75-09-2	Methylene chloride	**1.7**	B	ug/m³	0.61	0.61	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.63	0.63	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.72	0.72	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
67-63-0	Isopropanol	ND		ug/m³	0.43	0.43	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.9	1.9	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.76	0.76	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.63	0.63	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
110-82-7	Cyclohexane	ND		ug/m³	0.61	0.61	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.80	0.80	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
156-59-2	cis-1,2-Dichloroethylene	**1.3**		ug/m³	0.70	0.70	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
74-87-3	Chloromethane	ND		ug/m³	0.36	0.36	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
67-66-3	Chloroform	**3.2**		ug/m³	0.86	0.86	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
75-00-3	Chloroethane	ND		ug/m³	0.46	0.46	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.55	0.55	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
75-15-0	Carbon disulfide	**4.1**		ug/m³	0.55	0.55	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
74-83-9	Bromomethane	ND		ug/m³	0.68	0.68	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
75-25-2	Bromoform	ND		ug/m³	1.8	1.8	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD

Sample Information

Client Sample ID: AQ042213:1610NP4-3 **York Sample ID:** 13D0912-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13D0912	Rowe Industries	Vapor Extraction	April 22, 2013 4:10 pm	04/25/2013

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.1	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.91	0.91	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
71-43-2	Benzene	**1.3**		ug/m³	0.56	0.56	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
67-64-1	Acetone	**6.2**		ug/m³	0.42	0.42	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
591-78-6	2-Hexanone	**0.79**		ug/m³	0.72	0.72	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
78-93-3	2-Butanone	**1.8**		ug/m³	0.52	0.52	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.63	0.63	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.76	0.76	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.87	0.87	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.81	0.81	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.71	0.71	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.1	1.1	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.87	0.87	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.3	1.3	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.70	0.70	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
75-34-3	1,1-Dichloroethane	**2.9**		ug/m³	0.71	0.71	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**2.1**		ug/m³	0.99	0.99	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.96	0.96	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	1.4	1.4	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
71-55-6	1,1,1-Trichloroethane	**15**		ug/m³	0.96	0.96	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
75-71-8	Dichlorodifluoromethane	**3.0**		ug/m³	0.87	0.87	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.72	0.72	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.81	0.81	1.732	EPA Compendium TO-15	05/01/2013 09:00	05/01/2013 21:43	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*70-130*

Analytical Batch Summary

Batch ID: BE30097 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
13D0912-01	AQ042213:1600NP4-1	05/01/13
13D0912-02	AQ042213:1605NP4-2	05/01/13
13D0912-03	AQ042213:1610NP4-3	05/01/13
BE30097-BLK1	Blank	05/01/13
BE30097-BS1	LCS	05/01/13
BE30097-DUP1	Duplicate	05/01/13

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30097 - EPA TO15 PREP											
Blank (BE30097-BLK1)											Prepared & Analyzed: 05/01/2013
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.44	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.39	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30097 - EPA TO15 PREP											
Blank (BE30097-BLK1)								Prepared & Analyzed: 05/01/2013			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*7.61*		*ppbv*	*10.0*		*76.1*	*70-130*				
LCS (BE30097-BS1)								Prepared & Analyzed: 05/01/2013			
Vinyl Chloride	11.7		ppbv	10.5		111	70-130				
Vinyl acetate	10.6		"	10.4		102	58.1-135				
Trichloroethylene	10.4		"	10.6		98.3	70-130				
trans-1,3-Dichloropropylene	14.0		"	11.5		122	62-135				
trans-1,2-Dichloroethylene	10.6		"	10.3		103	58.3-130				
Toluene	13.0		"	11.0		118	64.9-126				
Tetrahydrofuran	11.5		"	10.8		106	44.6-146				
Tetrachloroethylene	11.7		"	10.8		108	70-130				
Styrene	11.0		"	10.9		100	66.4-132				
Propylene	14.7		"	11.5		128	62.4-150				
p-Ethyltoluene	11.1		"	10.4		107	73.8-146				
p- & m- Xylenes	24.1		"	21.8		111	56.6-136				
o-Xylene	11.8		"	11.0		108	67.8-133				
n-Hexane	12.0		"	10.9		110	59.7-130				
n-Heptane	12.8		"	10.9		117	62.3-134				
Methylene chloride	8.70		"	9.70		89.7	62.6-130				
Methyl tert-butyl ether (MTBE)	7.89		"	10.3		76.6	60.7-139				
4-Methyl-2-pentanone	12.8		"	10.6		121	64.5-158				
Isopropanol	11.1		"	10.9		102	60-150				
Hexachlorobutadiene	15.1		"	10.2		148	61.2-150				
Ethyl Benzene	12.3		"	11.0		112	68.4-125				
Ethyl acetate	12.3		"	11.0		112	40.6-150				
Cyclohexane	11.9		"	10.8		111	60.4-127				
cis-1,3-Dichloropropylene	12.9		"	10.9		119	65.5-129				
cis-1,2-Dichloroethylene	10.6		"	10.8		97.8	51.3-118				
Chloromethane	10.3		"	10.3		99.6	64.9-130				
Chloroform	11.0		"	11.0		100	65.1-130				
Chloroethane	11.3		"	10.3		109	52.1-131				
Carbon tetrachloride	9.83		"	10.5		93.6	70-130				
Carbon disulfide	10.8		"	10.5		103	61.8-111				
Bromomethane	10.7		"	10.5		102	60.1-140				
Bromoform	12.4		"	10.9		113	58.7-150				
Bromodichloromethane	11.0		"	10.6		104	65.3-127				
Benzyl chloride	13.7		"	10.8		126	62.5-150				
Benzene	11.2		"	10.8		104	69.5-130				
Acetone	10.7		"	11.0		97.3	55.3-133				
2-Hexanone	16.1		"	10.9		148	52-150				
2-Butanone	11.8		"	10.9		108	28.5-154				
1,4-Dioxane	13.7		"	10.6		129	50-150				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30097 - EPA TO15 PREP											
LCS (BE30097-BS1)								Prepared & Analyzed: 05/01/2013			
1,4-Dichlorobenzene	13.0		ppbv	10.9		119	62.5-139				
1,3-Dichlorobenzene	12.9		"	10.8		119	71.9-153				
1,3-Butadiene	11.5		"	10.9		105	66.7-127				
1,3,5-Trimethylbenzene	11.9		"	11.0		108	65-152				
1,2-Dichlorotetrafluoroethane	10.7		"	10.5		102	63.3-129				
1,2-Dichloropropane	11.9		"	11.0		109	21.3-152				
1,2-Dichloroethane	10.8		"	10.7		101	51.2-124				
1,2-Dichlorobenzene	12.4		"	10.7		116	63.7-148				
1,2,4-Trimethylbenzene	11.4		"	11.0		104	67.9-152				
1,2,4-Trichlorobenzene	18.0		"	10.0		180	58-147	High Bias			
1,1-Dichloroethylene	9.63		"	9.60		100	58.1-130				
1,1-Dichloroethane	10.4		"	10.3		101	63.3-130				
Trichlorofluoromethane (Freon 11)	10.4		"	11.0		94.6	56-132				
1,1,2-Trichloroethane	12.1		"	11.0		110	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.07		"	9.20		98.6	60.2-125				
1,1,2,2-Tetrachloroethane	12.2		"	11.0		111	63.7-132				
1,1,1-Trichloroethane	10.5		"	10.5		100	58.2-126				
Dichlorodifluoromethane	10.6		"	10.2		104	62.8-133				
1,2-Dibromoethane	12.8		"	11.0		116	70-130				
Dibromochloromethane	11.7		"	10.7		109	70-130				
Methyl Methacrylate	11.7		"	10.7		109	70-130				
Chlorobenzene	11.8		"	11.0		107	67.6-122				
Surrogate: p-Bromofluorobenzene	*9.27*		*"*	*10.0*		*92.7*	*70-130*				
Duplicate (BE30097-DUP1)	*Source sample: 13D0912-01 (AQ042213:1600NP4-1)							Prepared & Analyzed: 05/01/2013			
Vinyl Chloride	ND	0.44	ug/m³		ND					25	
Vinyl acetate	ND	0.60	"		ND					25	
Trichloroethylene	ND	0.46	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.78	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.68	"		ND					25	
Toluene	0.71	0.64	"		1.3				58.1	25	Non-dir.
Tetrahydrofuran	ND	0.50	"		ND					25	
Tetrachloroethylene	5.6	1.2	"		6.6				17.1	25	
Styrene	ND	0.73	"		ND					25	
Propylene	ND	0.29	"		ND					25	
p-Ethyltoluene	ND	4.2	"		ND					25	
p- & m- Xylenes	ND	0.74	"		2.2					25	
o-Xylene	ND	0.74	"		ND					25	
n-Hexane	1.4	0.60	"		1.6				11.8	25	
n-Heptane	ND	0.70	"		ND					25	
Methylene chloride	2.1	0.59	"		2.6				20.5	25	
Methyl tert-butyl ether (MTBE)	ND	0.61	"		ND					25	
4-Methyl-2-pentanone	ND	0.70	"		ND					25	
Isopropanol	1.2	0.42	"		4.3				114	25	Non-dir.
Hexachlorobutadiene	ND	1.8	"		ND					25	
Ethyl Benzene	ND	0.74	"		ND					25	
Ethyl acetate	ND	0.62	"		ND					25	
Cyclohexane	ND	0.59	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.78	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.68	"		ND					25	
Chloromethane	ND	0.35	"		ND					25	
Chloroform	ND	0.83	"		ND					25	

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE30097 - EPA TO15 PREP											
Duplicate (BE30097-DUP1)	*Source sample: 13D0912-01 (AQ042213:1600NP4-1)								Prepared & Analyzed: 05/01/2013		
Chloroethane	ND	0.45	ug/m³		ND					25	
Carbon tetrachloride	ND	0.54	"		ND					25	
Carbon disulfide	4.5	0.53	"		4.3				4.82	25	
Bromomethane	ND	0.66	"		ND					25	
Bromoform	ND	1.8	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Benzyl chloride	ND	0.88	"		ND					25	
Benzene	1.3	0.55	"		1.4				8.33	25	
Acetone	6.6	0.41	"		6.9				5.41	25	
2-Hexanone	ND	0.70	"		ND					25	
2-Butanone	1.8	0.50	"		1.9				2.74	25	
1,4-Dioxane	ND	0.62	"		ND					25	
1,4-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Dichlorobenzene	ND	1.0	"		ND					25	
1,3-Butadiene	ND	0.74	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.84	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.2	"		ND					25	
1,2-Dichloropropane	ND	0.79	"		ND					25	
1,2-Dichloroethane	ND	0.69	"		ND					25	
1,2-Dichlorobenzene	ND	1.0	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.84	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.68	"		ND					25	
1,1-Dichloroethane	ND	0.69	"		ND					25	
Trichlorofluoromethane (Freon 11)	ND	0.96	"		ND					25	
1,1,2-Trichloroethane	ND	0.93	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.3	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	ND	0.93	"		ND					25	
Dichlorodifluoromethane	3.0	0.84	"		3.0				2.82	25	
1,2-Dibromoethane	ND	1.3	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Methyl Methacrylate	ND	0.70	"		ND					25	
Chlorobenzene	ND	0.79	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.4*		*ppbv*	*10.0*		*104*	*70-130*				

Notes and Definitions

B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13D0912

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	Company: Same	Company: Same	Rowe Industries	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr, Suite 301 Shelton, CT 06484	Address:	Address:	**Purchase Order No.** NABSAG	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ☐
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ☐
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ☐ NY X NJ ☐	RUSH - Four Day ☐	NY ASP B/CLP Pkg X, pdf
				Standard(5-7 Days) ☒	NJDEP Reduced ☐
					Electronic Deliverables:
					EDD (Specify Type) ☐
					Standard Excel X
					Regulatory Comparison Excel ☐

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HART
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List
EPA TO-14A List
NYSDEC VI list
Tentatively Identified Compounds
NYSDEC STARS List
Air VPH
Project Specific List by TO-15
Helium
NJDEP Target List
Methane
CTDEP RCP Target List
OTHER

Detection Limits Required

≤ 1 ug/m³
NYSDEC VI Limits (VI – vapor intrusion)
NJDEP low level
Routine Survey
Other

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ042213:1600NP4-1	4/22/13 1600	AE			EPA TO-15 List.	6 Liter Summa canister ☐ Tedlar Bag ☐
AQ042213:1605NP4-2	1605	AE			↓	6 Liter Summa canister ☐ Tedlar Bag ☐
AQ042213:1610NP4-3	1610	AE			↓	6 Liter Summa canister ☐ Tedlar Bag ☐
						6 Liter Summa canister ☐ Tedlar Bag ☐
						6 Liter Summa canister ☐ Tedlar Bag ☐
						6 Liter Summa canister ☐ Tedlar Bag ☐
						6 Liter Summa canister ☐ Tedlar Bag ☐
						6 Liter Summa canister ☐ Tedlar Bag ☐
						6 Liter Summa canister ☐ Tedlar Bag ☐
						6 Liter Summa canister ☐ Tedlar Bag ☐

Comments

Samples Relinquished By — Date/Time: 4/24/13 1650

Samples Relinquished By — Date/Time:

Samples Received By: Field Room — Date/Time: 4/25 12:30 / 4/24/13 1650

Samples Received in LAB by: Grace — Date/Time: 4/25/13 1415